

The Commonwealth of Massachusetts

# ANNUAL REPORT

OF THE

## TRUSTEES

OF THE

TAUNTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30, 1927

DEPARTMENT OF MENTAL DISEASES



Publication of this Document Approved by the Commission on Administration and Finance

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# TAUNTON STATE HOSPITAL

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———, *Assistant Superintendent*.  
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## The Commonwealth of Massachusetts

### TRUSTEES' REPORT

*To His Excellency, the Governor and the Honorable Council:*

The trustees of the Taunton State Hospital present herewith the seventy-fourth annual report, together with the Superintendent's report, financial report and statistical tables.

During the past year, two new members have been added to our Board. Samuel M. Stone of Attleboro, Mass., was appointed to fill the vacancy created by the death of Judge Brady, and Mrs. Mary B. Besse of Wareham, was appointed to fill the vacancy created by the retirement of Mrs. Margaret C. Smith of Taunton. Mrs. Smith has served on the Board since 1912. She was always faithful in the performance of her duties and her visits to the hospital were numerous. The following resolution was incorporated in the minutes of the meeting of the Board held on May 12, 1927:

It is the desire of the Trustees of the Taunton State Hospital to pay a deserved tribute to the devotion with which Mrs. Margaret C. Smith performed her duties as Trustee. First appointed by Governor Foss, Mrs. Smith served



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the many years since, with unabated interest. Living near the hospital, she was almost a daily visitor and she was a regular attendant not only at the meetings of the Taunton Board, but at the State sessions and Boston conferences.

She gave unlimited time and energy to the position and always the human side of the hospital problems were her chief concern and had her chief attention. Her service was valuable and it has been a privilege to know her and to serve with her.

At the close of her membership on the Board, it is fitting that her associates thus make a lasting record in honor of work well done through many years and of friendship which no term of office ends.

It is with a great deal of pleasure that we can announce the fact that we have been able to continue with our building program. The new industrial building, storehouse and bakery are practically complete and will be occupied early next year. This makes it possible to proceed to the next step in the program, namely, establishing the new kitchen, and dining room by the renovation of the existing building. It is hoped that an appropriation for this work will be made this year. The storehouse and bakery as well as the coal pocket and boiler room, have been connected by tunnels. Two new buildings have been added to the salvage yard group, leaving only two more to be completed. The Employees' Home will be ready for occupancy before April 1, of the coming year. It will furnish quarters for twelve married couples, and will aid us greatly in our housing problems. The Board is much interested in the continuance of the building program and strongly urges that the following appropriations which have been requested for the coming year, be granted:

1. Completion of Storehouse.
2. Completion of the Renovation of the Rear Center Building.
3. Superintendent's House.
4. Purchase of Land in Town of Raynham.
5. Root Cellar.
6. Bridge, Sidewalk and Road at Bay Street Entrance.
7. Purchase of Certain Properties on Albion Avenue.

The Board also urges the continuance of the fire protection program, namely—installation of fire-proof floors, fire walls, sprinklers, etc. Appropriations in the past year, permitted the accomplishment of very little work along these lines. It is hoped that items related to this program to be found in repairs and renewals elsewhere, will be given careful consideration. A special appropriation similar to the one granted in 1925 would aid greatly.

If sufficient money is appropriated during the coming year, to complete the renovation of the service section, it will be possible to start in 1929 on the new construction outlined in our last year's report. As it is believed that we should proceed with our plans as fast as possible, it is hoped that we will be able to carry out the kitchen, dining room and chapel program next year.

One of the greatest needs of the hospital, is an admission building for the care of new cases. At the present time, our building does not permit of proper classification. For this reason, this building should be constructed within the very near future. It is also quite necessary that we take steps toward relieving the crowding which is at the present time, reaching a critical point. This can only be done by means of new construction, or decreasing the quota which has been assigned to us. A plan showing the probable location of the projected buildings, etc., has been prepared by our landscape engineer and some work on the detailed plans of the buildings has been accomplished.

We also wish to call attention to the necessity of large appropriations under the heading of Repairs Ordinary, because of the age and condition of many of our buildings.

We announce with a great deal of pleasure that the hospital was visited during the year by the following members of the Committee on Public Institution Representatives Carmen, Woolfenden, Johnston, O'Connor, Sparrell, Pehrson Barnes, by George M. Kline, M. D., Commissioner of the Department of Mental Diseases, Mr. Carl Raymond, Budget Commissioner, and by Hon. Ralph C. Estes of Attleboro.

During the past year the average attendance at the Board Meetings has been five. Aside from this, members made twenty visits to the hospital.

In conclusion, the Board wishes to express its appreciation for the splendid support we have had during the past year, to yourself as well as the members of your Council, members of the General Court, and to the Department of Mental Diseases.

ARTHUR B. REED, *Chairman*,  
 JULIUS BERKOWITZ, CHARLES C. CAIN, JR.,  
 MARY B. BESSE, SAMUEL M. STONE,  
 ELIZABETH C. M. GIFFORD, ASA A. MILLS.

## SUPERINTENDENT'S REPORT

*To the Trustees of the Taunton State Hospital:*

The seventy-fourth annual report of the Superintendent of the Taunton State Hospital, for the fiscal year ending November 30, 1927, is respectfully submitted for your consideration.

The statistical tables relative to patients, cover the period beginning October 1926, and ending September 30, 1927.

### MOVEMENT OF POPULATION

On September 30, 1926, the hospital census was as follows: In the hospital 694 men and 771 women, a total of 1465. In family care, 1 man, 7 women, total 8. On visit and escape, 82 men and 80 women, total, 162, making a grand total of 1635 including 777 men and 858 women on the books of the hospital at that time. During the year ending September 30, 1927, 410 patients were received. Of this number, 166 men and 160 women, a total of 326, were classed as first admissions; 30 men and 44 women, a total of 74, came as re-admissions; and 11 men and 3 women, a total of 10, were transferred to this hospital from other hospitals.

Patients, 409 in number, including 219 men and 190 women, were discharged during the same period. Of this number, 102 men and 95 women, a total of 197, were returned to the community; 87 men and 69 women, a total of 156, died; 30 men and 26 women, a total of 56, were transferred to other institutions.

The census on September 30, 1927, was as follows: In the hospital, 688 men and 777 women, a total of 1465. In family care, 1 man and 7 women, a total of 8. On visit and escape, 72 men and 91 women, a total of 163, making a grand total of 1636 including 761 men and 875 women on the books of the hospital. The total number of cases under treatment during the year, was 2045 (980 men and 1065 women). The average daily number for the year was 779.0801 men and 873.3610 women, a total of 1652.4411. Of this, 697.8686 men and 773.8255 women, a total of 1471.6941 were in the hospital, 1.0000 men and 7.9019 women, a total of 8.9019 were in family care and 79.2115 men and 91.6346 women, a total of 170.8461 were on visit and escape.

Of the 326 first admissions, only 287 were actually committed to the hospital, the remaining 35 being under temporary care and 4 under voluntary. Of the re-admissions, only 64 were committed, the remaining 10 being under temporary care.

### FIRST ADMISSIONS

*Nativity.* Of the 287 committed first admissions, 82 men and 83 women



total of 165, were born in the United States and 59 men and 63 women, a total of 22, were born in other countries, the percentage of native born being 57.49% and foreign born, 42.51%.

*Citizenship.* Of the 287 committed first admissions, 165 or 57.49% were citizens by birth, 29 or 10.10% were citizens by naturalization and 93 or 32.41% were aliens.

*Mental Diagnosis.* The different forms of mental disease shown by the first admissions, were as follows: dementia praecox, 78 or 27.19%; psychoses with cerebral arteriosclerosis, 50 or 17.42%; manic depressive, 8 or 2.79%; senile psychoses, 19 or 6.62%; alcoholic psychoses, 20 or 6.94%; general paralysis, 26 or 9.06%; involution melancholia, 19 or 6.62%; psychoses with mental deficiency, 1 or 1.05%; psychoses with other somatic diseases, 6 or 2.08%; undiagnosed psychoses, 32 or 11.16%; psychoses with other brain or nervous disease, 6 or 2.08%; psycho-neuroses and neuroses, 4 or 1.40%; epileptic psychoses, 6 or 2.10%; psychoses with psychopathic personality, 1 or .35%; traumatic psychoses, 1 or .35%; paranoia and paranoid condition, 7 or 2.44%; without psychoses, 1 or .35%.

For further information concerning psychoses of first admissions, see statistical tables.

*Age.* Of the 287 committed first admissions, 80 or 27.88% were over 60 years of age; 100 or 34.84% were between 40 and 60, the involution period; 100 or 34.84% were between 20 and 40; and 7 or 2.44% were under 20.

*Education.* Of the 287 committed first admissions, 34 or 11.85% were illiterate; 173 or 60.28% could read and write; 173 or 60.28% had a common school education; 26 or 9.03%, a high school education; 5 or 1.74%, a college education; and 1 or .69% were unascertained.

*Environment.* Of the 287 committed first admissions, 266 or 92.68% were classed as urban, and 21 or 7.32% as rural.

#### RE-ADMISSIONS

Of the 64 patients re-admitted, the diagnoses were as follows: dementia praecox 10 or 32.81%; manic depressive 10 or 15.62%; undiagnosed psychoses, 8 or 12.50%; alcoholic psychoses, 6 or 9.38%; without psychosis and psychosis with cerebral arteriosclerosis, 4 or 6.25%; psychosis with mental deficiency, psycho-neurosis and neurosis, epileptic psychosis, paranoia and paranoid conditions, each 3 or 3.12%; involution melancholia, general paralysis, senile psychoses, each 1 or 1.57%.

#### DISCHARGES

Only 158 of the 197 patients discharged were committed to the hospital. The remaining 39 patients were under temporary care and voluntary. The condition of the 158 discharged during the year, was as follows: recovered, 44 or 27.85%; improved, 97 or 61.40%; unimproved, 12 or 17.59%; and not insane, 5 or 3.16%.

#### DEATHS

The death rate for the year, figured on the total number under treatment, was 1%.

Only 152 of the 156 patients dying during the year were committed; the remaining 4 were under temporary care. The causes of death were as follows: arteriosclerosis, 59 or 38.81%; general paralysis of the insane, 26 or 17.11%; tuberculosis of the respiratory system, 15 or 9.87%; endocarditis, myocarditis, broncho-pneumonia, each 14 or 9.21%; other causes, 24 or 15.79%.

Of those who died, 85 or 55.92% were over 60; 45 or 29.60% were from 40 to 60 and 22 or 14.48% were from 20 to 40.

Our record shows that at the close of the year, there were 11 ex-service men in care.

## MEDICAL SERVICE

There has been improvement in the medical care of our patients during the past year despite the fact that we have been without the services of an Assistant Superintendent. The physicians deserve a great deal of credit for the manner in which they have conducted their respective services. The plan of organization described in last year's report has been continued. Staff meetings have been held daily and all newly admitted cases have been considered from standpoints of diagnosis and treatment. On many occasions it has been necessary to hold an additional meeting in the evening, to consider patients for release on visit.

Members of the visiting staff have performed their duties faithfully. We find that the plan is working out very well and the surgical and medical work at the hospital has been greatly improved by it. The hospital has been quite free from acute diseases during the past year, and we have had only a few cases of a contagious nature.

Dr. Richard P. MacKnight, the district representative of the Department of Public Health, has continued to be of great help to us. He not only comes when he is called, but often visits the hospital of his own accord.

During the year, the following members of our staff left the employ of the institution: Drs. Smith and Loignon.

Drs. Costa and Hennessy have joined our staff during the past year.

## SOCIAL SERVICE

The personnel of this department has been increased by one social worker and one student worker during the past year. All of these positions are now filled. With this personnel, we have been able to accomplish practically all of the work which we have been called upon to perform in the community. Patients on trial visits have been better supervised, more case histories have been obtained and more cases have been examined in the out-patient department than last year, and the department is without question, progressing in the right direction.

The hospital is being called upon more and more by the community and it is hoped that this favorable state of affairs will continue, as I believe that community work is without question, one of the most important functions of the state hospital.

The following is a report of the work accomplished:

## SOCIAL SERVICE MONTHLY STATISTICS

December 1, 1926 to December 1, 1927

## I. NUMERICAL SUMMARY OF CASES:

|   | HOSPITAL CASES |    |              |    | COMMUNITY CASES |    |        |    | TOTALS |     |     |
|---|----------------|----|--------------|----|-----------------|----|--------|----|--------|-----|-----|
|   | HOUSE PATIENTS |    | OUT PATIENTS |    | CLINIC CASES    |    | OTHERS |    |        |     |     |
|   | M.             | F. | M.           | F. | M.              | F. | M.     | F. | M.     | F.  | T.  |
| 1. New Cases . . . . .                          | 88             | 65 | 64           | 94 | 43              | 53 | -      | -  | 195    | 212 | 407 |
| 2. Renewed cases from previous years . . . . .  | -              | 4  | 1            | 2  | 7               | 3  | -      | -  | 8      | 9   | 17  |
| 3. Renewed cases within the year . . . . .      | -              | 4  | 2            | 12 | -               | -  | -      | -  | 2      | 16  | 18  |
| 4. Continued cases from previous year . . . . . | 52             | 45 | 77           | 77 | 30              | 32 | -      | -  | 159    | 154 | 313 |
| 5. Cases closed during year . . . . .           | 62             | 58 | 89           | 92 | 4               | 8  | -      | -  | 155    | 158 | 313 |
| 6. Cases continued to following year . . . . .  | 78             | 60 | 58           | 93 | 76              | 80 | -      | -  | 212    | 233 | 445 |

This does not include hospital patients attending community clinics.

## II. SOURCES OF NEW CASES:

1. No. Cases referred by Physicians, 295
2. No. Cases referred by Community Agencies, 99
3. No. Cases referred by Friends or Relatives, 5



4. No. Cases referred by Initiative of Patients, 2

5. No. Cases selected by Social Service,

## II. ANALYSIS OF WORK

1. Purposes for which cases were referred:

(a) Histories of Patients { Taken at Hospital,  
Taken outside Hospital, 118

(b) Investigation { Conduct Disorders, 28  
Employment Situations, 2  
Home Conditions, 28  
Statements of Patients, 36  
Statements of Others, 38

(c) Supervision { In Home, 563  
In Industry, 43  
In Community, 18

(d) Care of Patient's Families, 12

(e) Personal Services, 40 (f) Placement, 2

2. Problems:

(a) Disease { Mental, 530  
Physical, 72

(b) Sex Problems { Prostitution, 2  
Promiscuity, 2  
Wayward Tendencies, 25

(c) Environment:

1. Financial Difficulties, 60
2. Employment Difficulties, 60
3. Unsuitable surroundings, 14
4. Friction { Family, 51  
Others, 7
5. Marital Difficulties, 26

## ANALYSIS OF WORK — Concluded:

(d) Personality Problems:

1. Temperament, 47
2. Anti-social Habits, 40
3. Vacillating Interests, 9

(e) Educational Problems:

1. Readjustment Habits of Mind, 20
2. Recreation; Church; Social Relationships, 34

(f) Legal Problems:

1. Concerning property or support, 2
2. Resulting from conduct of patient, 1
3. Resulting from conduct of others,

(g) General Problems,

## SERVICE RENDERED:

1. Medical:

- (a) Contribution of information re: Medical History, 136
- (b) Contribution of information re: Home Conditions, 504
- (c) Contribution of information re: Condition of Out-Patients, 490
- (d) Arrangements for Medical Assistance,

2. Social:

(a) Adjustments for Patients { Environment, 2  
Personal Relations, 10

(b) Adjustments for Patients in Industry, 1

(c) Adjustments for Patients in Recreation,

(d) Advice { To Relatives, 294  
To Patients, 314  
To Others, 26

- (e) Connecting with Agencies, 252; with Individuals, 690
- (f) Family Assistance { Legal,  
Financial,  
Miscellaneous,
- (g) Arrangements for further study or training,
- (h) Personal Services:
- Placement Work { Home, 5  
Industry,  
Miscellaneous, 141

#### V. SUPERVISION WORK:

- 1. No. Patients on visit last day previous year, 144
- No. Patients discharged from visit during month,

- Visits { To Patients on ward, 197  
To Patients on visit, 524  
To Relatives or Friends, 335  
To Social Agencies, 110  
To Others, 22

No. Patients in care of Other Agencies,

#### 2. Family Care Patients:

- (a) No. Patients visited, 62
- (b) No. Patients placed,
- (c) No. Patients replaced, 1
- (d) No. Patients returned, 2
- (e) No. Patients discharged, 1
- (f) No. Boarding Homes investigated,

(9 Christmas Boxes. Clothing ordered and delivered.)

#### VI. CLINIC WORK:

- 1. Hospital Clinics { No. clinics attended, 50  
No. interviews with Patients, 246  
No. interviews with Relatives, 149  
No. social cases selected,
- 2. School Clinics { No. attended, 12  
No. Histories, 47  
No. Psychological Tests, 12  
Miscellaneous Work,  
School Tests, 53  
Contacts with Superintendents, 51  
With Teachers, 54  
With School Nurses, 12

(Arrangements for 16 Clinics.)

#### VI. CLINIC WORK — Concluded:

- 3. Community Clinics { No. attended, 75  
No. interviews with Patients, 176  
No. interviews with Others, 205  
No. cases selected,  
No. cases referred to local agencies,

#### VII. MISCELLANEOUS:

- 1. Amount of Expense Account { School or Community Clinic Work, \$13.15  
Hospital Work, \$460.85
- 2. Account of Time { No. days in Hospital, 407½  
No. days outside Hospital, 425½  
No. days spent in School Clinic Work, 36  
No. days spent in Community Clinic Work, 39

#### SPECIAL FEATURES:

Lectures:

Papers, 5:

Special Studies:

Conferences attended:

Visits to Other Institutions, 2:



LECTURES: 18 Psychology and 8 Social Service to Student Nurses; 1 Talk to New Bedford Nurses.

CONFERENCES: Daily Hospital Conferences; Monthly State House Conferences; 6 Saturday Morning Conferences at State House; 6 Meetings of Round Table for Psychiatric Social Workers; State Conference for Social Workers at Wellesley College.

SPECIAL STUDIES: Comparison of Intelligence Rating of Student Nurses and Stenographers; Budgeting; Four Articles on Mental Hygiene studied and discussed: Study of 40 New Bedford Clinic Cases.

### OUT-PATIENT DEPARTMENT

Work in this department has increased greatly during the past year. A new clinic was established at Attleboro, where quarters were furnished by the Sturdy Memorial Hospital. All those coming in contact with the new clinic have been very co-operative. The New Bedford and Taunton clinics have been continued. Cases from Fall River and other cities, have been examined at the Taunton clinic. The school work has increased greatly. We are now making examinations in practically all of the towns in our district and it is hoped that by the end of next year, no towns will be without supervision.

A summary of the work accomplished, follows:

#### *Mental Clinics*

##### Source of Cases

|  |     |
|--|-----|
| (a) Children's Aid Society.....                        | 23  |
| (b) Family Welfare Society (New Bedford).....          | 11  |
| (c) Family Welfare Society (Attleboro).....            | 18  |
| (d) Department of Public Welfare (Attleboro).....      | 2   |
| (e) Society for Prevention of Cruelty to Children..... | 8   |
| (f) Catholic Welfare Bureau.....                       | 2   |
| (g) International Institute.....                       | 4   |
| (h) Self or Immediate Family.....                      | 0   |
| (i) Taunton State Hospital.....                        | 223 |
| (j) Private Physicians.....                            | 1   |
| (k) Instructive Association.....                       | 4   |
| (l) Other Sources.....                                 | 20  |

##### 1. New Bedford:

###### (a) New Cases:

|             |    |
|-------------|----|
| Male.....   | 30 |
| Female..... | 42 |

Total..... 72

###### (b) Total Visits:

|             |     |
|-------------|-----|
| Male.....   | 188 |
| Female..... | 177 |

Total..... 365

##### 2. Fall River: (Clinic temporarily closed)

##### 3. House Cases:

###### (a) New Cases:

|             |   |
|-------------|---|
| Male.....   | 1 |
| Female..... | 1 |

Total..... 2

###### (b) Total Visits:

|             |   |
|-------------|---|
| Male.....   | 1 |
| Female..... | 1 |

Total..... 2

##### 4. Taunton:

###### (a) New Cases:

|             |   |
|-------------|---|
| Male.....   | 1 |
| Female..... | 3 |

Total..... 4

###### (b) Total Visits:

|             |   |
|-------------|---|
| Male.....   | 1 |
| Female..... | 3 |

Total..... 4

## 5. Attleboro:

## (a) New Cases:

|              |   |
|--------------|---|
| Male .....   | 9 |
| Female ..... | 7 |

## (b) Total Visits:

|              |    |
|--------------|----|
| Male .....   | 11 |
| Female ..... | 9  |

|                               |     |             |    |
|-------------------------------|-----|-------------|----|
| Total .....                   | 16  | Total ..... | 20 |
| Male cases seen (new) .....   | 40  |             |    |
| Female cases seen (new) ..... | 52  |             |    |
| Total new cases .....         | 92  |             |    |
| Male visits to clinic .....   | 201 |             |    |
| Female visits to clinic ..... | 190 |             |    |
| Total visits to clinic .....  | 391 |             |    |

*School Clinics*

|   |     |
|---|-----|
| Number of new cases referred — complete .....   | 238 |
| Number of new cases referred — incomplete ..... | 28  |
| Number of cases re-examined .....               | 32  |

Total .....

298

The following districts were visited during this period, arrangements having been made between the school superintendents and the hospital: So. Hanson, Middleboro, Easton, Seekonk, Rehoboth, Mattapoisett, Wareham, Marion, Carver, Whitman, Hanover, Norwell and Rockland.

## OPERATING ROOM

During the past year, the Operating Room has been furnished with a new operating table and a large number of instruments. It can now be considered well equipped. The surgical dressing rooms mentioned in our last report, have been fully equipped and are now being used regularly. This has resulted in the surgical dressing and pus work being done there. Practically all of the necessary surgical work for both patients and employees has been carried out at the hospital by our resident and visiting staffs. Anti-syphilitic treatments have been continued, potassium iodide, mercury and arsphenamine, being used. Several cases of General Paralysis were given "malarial treatment." The results of these treatments are rather encouraging, but the number was too small to enable us to draw any conclusion as to the value.

All patients and all employees who have not been inoculated against typhoid during the past 3 years, were re-inoculated as well as all new patients and new employees.

The following gives the detail of the work performed during the year:

*Operations*, 716: Appendectomy, 3; Herniotomy, 1; Hysterectomy, 1; Tonsillectomy and adenectomy, 4; Tonsillectomy, 1; Amputation of fallopian tubes, 1; Excision of uterine polypus and curettage, 2; Repair of cervix and laparotomy, 1; Dilation and curettage, 1; Amputation of finger, 1; Removal of needle from foot, 1; Excision of cyst, 1; Excision of carbuncle, 2; Teeth extractions with general anaesthesia, 15; Lumbar punctures, 73; Wassermanns, 471; Boils incised, 93; Infections incised, 27; Fractures reduced, 2; Cuts sutured, 15.

*Surgical Dressings*, 2551.

*Examinations (Pelvic)*, 137.

*Inoculations*, 646.

*Treatments*, 1314: Salvarsan, 252; Mercury, 1062.

## DENTAL DEPARTMENT

The work of this department has continued without interruption during the



year. It was carried on by the dental interne during the vacation of the resident dentist. The number of patients with dental work to be accomplished is greatly decreasing, and it will be noted in the following tabulation that it is now less than 4%. A dental hygienist was employed for a few months and the result was a great increase in the number of cleanings. Practice in examining all new patients at the time of admission and all patients in the hospital at least once a year was continued; and because of this, the following figures can be considered accurate:

*Bridgework:* preparation for, 1; removed, 14. *Crowns:* davis set, 3; gold removed, 1. *Cleaned and scaled,* 1319; *examined and charted,* 1293; *extractions,* 1485. *Fillings:* amalgam, 705; cement, 2; gold, 1; root canal, 13; synthetic, 9; temporary, 3; kryptex, 97; zinc oxide and eugenol, 252. *Inlays:* preparations for, 3; set, 3; reset, 1. *Plates:* impression, bite, shade, 52; made, 16; adjusted, 89; repaired, 40; cleaned, 312. *Treatments:* arsenic fibre, 3; curay, 5; formo-creosol, 7; gums, 147; post-operative, 131; pulp removed, 7; root canal, 14; tooth treated, 5.

|   |         |
|---|---------|
| Fraction appliance made.....  | 1       |
| Fracture wired.....   | 4       |
| X-rays taken.....   | 309     |
| Patients with work completed.....                                       | 2104    |
| Number of visits.....   | 4109    |
| Number of operations.....   | 6347    |
| Average operation per patient.....                                      | 5.78    |
| Number of patients treated for first time.....                          | 212     |
| Number of extractions and fillings on new patients.....                 | 625-544 |
| Percentage of patients with work completed.....                         | 91.93   |
| Percentage of patients unable to receive attention.....                 | 4.93    |
| Percentage of patients with work to be done.....                        | 3.10    |
| Percentage of new admissions needing dental attention.....              | 57.04   |
| Number of patients receiving dental attention other than examination... | 73.79   |
| Number of patients needing no dental attention.....                     | 1368    |
| Patients wearing plates.....  | 293     |
| Number of sets of false teeth.....                                      | 392     |
| Patients wearing crown and bridgework.....                              | 323     |
| Number of bridges, crowns and pivots.....                               | 672     |
| Number of artificial appliances.....                                    | 1064    |

#### X-RAY DEPARTMENT

The work in this department continues to increase. Our equipment is far from complete and our quarters are not suitable. Despite this fact, we have been able to accomplish the work requested, in a satisfactory manner. The following is a statement of the work done:

Hand, 21; wrist, 14; elbow, 3; arm, 1; shoulder, 8; foot, 16; ankle, 14; knee, 4; leg, 4; hip, 11; pelvis, 6; spine, 12; R. U. V., 7; gall bladder, 8; chest, 56; stomach, 2; gastro intestinal, 6; accessory sinuses, 15; head, 18; lower jaw, 3; ribs, 1; colon ba. enema, 2; foreign body, 11; sternum, 1; clavicle, 2; nose, 4; os penis, 1; teeth, 309. *Total,* 577.

#### PHYSIOTHERAPY DEPARTMENT

Recently, an Alpine Sun Lamp has been installed and ultra-violet treatments have been instituted on a number of patients, including those suffering from pulmonary tuberculosis.

Efforts are being made to form a physiotherapy department and with the addition of a diathermy machine, infra-red lamp, sinusoidal wave machine and other, we should be able to provide suitable treatments in this field, for the cases referred by the Medical Staff. A volume, "Practice of Physiotherapy" by Sampon has been added to the library, and treatments are in progress daily.

HYDROTHERAPY

This department now has in operation, 7 continuous baths, 2 pack rooms and a completely equipped hydriatic room on both the male and female services. Some difficulty has been experienced during the past year, because of sickness and lack of personnel. These conditions have been remedied however, and the department is now progressing without interruption.

The benefit of hydrotherapeutic treatment is being emphasized more and more as the years go by. It is without doubt one of the most valuable aids the medical service has. It is greatly appreciated by the patients who are in condition to understand why it is being used and many favorable comments have been received from them during the past year.

Dr. Rebekah Wright, Hydrotherapeutist of the Massachusetts Department of Mental Diseases, rendered very valuable service during the past year by arranging to visit us at a time when we were most in need of assistance, and by remaining until those new in the service, were able to carry on their work properly.

The following treatments were given:

Tonic Baths

|   | M.   | F.   | T.   |
|---|------|------|------|
| Salt Glows.....                               | 753  | 832  | 1585 |
| Wet Sheet Packs as Preparatory Treatment..... | 27   | 109  | 136  |
| Foot Baths.....                               | 2304 | 2165 | 4469 |
| Hot and Cold to Spine.....                    | 803  | 822  | 1625 |
| Fomentations to the Spine.....                | 0    | 44   | 44   |
| Fomentations to the Liver.....                | 0    | 56   | 56   |
| Fomentations to the Back.....                 | 24   | 0    | 24   |
| Sitz Baths.....                               | 244  | 331  | 575  |
| Wet Mitten Frictions.....                     | 84   | 389  | 473  |
| Swedish Shampoos.....                         | 756  | 928  | 1684 |
| Hair Shampoos.....                            | 756  | 928  | 1684 |
| Tub Shampoos.....                             | 6    | 0    | 6    |
| Electric Light Baths.....                     | 34   | 89   | 123  |
| Dripping Sheet Rubs.....                      | 1    | 0    | 1    |
| Needle Sprays.....                            | 3783 | 4554 | 8337 |
| Fan Douches.....                              | 3745 | 4298 | 8043 |
| Jet Douches.....                              | 126  | 20   | 146  |
| Rain Douches.....                             | 7    | 0    | 7    |

Continuous Baths

| No. of Patients |     | No. of Baths |      | No. of Hours |            |
|-----------------|-----|--------------|------|--------------|------------|
| Male.....       | 149 | Male.....    | 2547 | Male.....    | 17,992 1/2 |
| Female.....     | 165 | Female.....  | 2336 | Female....   | 15,740 1/2 |
| Total.....      |     | Total.....   |      | Total....    |            |
|                 |     |              |      | 33,732 3/4   |            |

Wet Sheet Packs

| No. of Patients |     | No. of Packs |        | No. of Hours |            |
|-----------------|-----|--------------|--------|--------------|------------|
| Male.....       | 338 | Male.....    | 8736   | Male.....    | 25,316 1/2 |
| Female.....     | 288 | Female.....  | 12,602 | Female....   | 36,148 1/2 |
| Total.....      |     | Total.....   |        | Total....    |            |
|                 |     |              |        | 61,464 3/4   |            |

OCCUPATIONAL THERAPY

The statistics of this department are shown in the table which follows this report. Classes were held mornings and afternoons in the Occupational Therapy Room while five other classes were held during the same hours on the wards. The department moved into its new quarters in the Industrial Building, the latter part



of March, and now has a large sunny classroom in which forty patients can be accommodated. A new aide was assigned to the department in January; at the same time, a class was opened at Lovering Colony, taking in the non-working patients. In October, a class was started at Borden Colony. At the hospital, classes have been held on the wards four times a week instead of twice. Berry and vegetable picking was done from July to October by patients from the disturbed ward, supervised by the Occupational Therapy workers.

The orchestra, composed of five pieces, three employees and two patients, has done good work throughout the year, playing for the patients weekly dances and moving pictures and also furnishing the music at several luncheons held in the chapel.

During the past year, all recreational activities both for patients and employees, have been directed by this department. Dances were held at Christmas, on St. Valentine's Day, April 19 and Hallowe'en. The Fourth of July and Labor Day were celebrated by holding a field day for the patients on the hospital grounds; entertainment was thereby afforded for over 1000 patients. Dancing on the lawn was enjoyed and a picnic supper was served. In this way, contact is made with patients who would never be reached otherwise. From February to June, our classes were somewhat handicapped owing to sickness among the aides.

The scope of the work is growing and it is hoped that a greater number of patients may be reached during the coming year.

There were on duty, 1 director, 5 aides, and 1 musical director.

The total number of cases under treatment during year was 396. Under treatment in Occupational Therapy at beginning of year, 191; admissions during year, 29; cases not previously treated, 155; previously treated cases read, 174; number transferred, 189; number discontinued, 102; number discharged, 22; number died, 2; remaining under treatment at the end of year, 205.

The following articles have been produced during the year, all of which have been used in the hospital:

Five braided rugs; 8 hooked rugs; 37 braid weave rugs; 139 woven rugs; 56 woven trackers; 1022 embroidered table runners; 58 embroidered pillow tops; 45 embroidered centerpieces (36-inch with crocheted edges); 6 18-inch embroidered centerpieces; 3 15-inch embroidered centerpieces; 17 reed waste baskets; 2 reed hand-painted sandwich trays; 2 reed ferneries; 61 reed jardinieres; 5 crockery jardinieres; 9 reed hanging baskets; 1 reed desk basket; 3 reed sewing baskets; 3 reed pin trays; 54 picture puzzles; 1503½ yds. spool knitting; 4 prs. knitted mittens; 4¼ lbs. rug material prepared (strips); 239 lbs. burlap; 66 yds. cocoanut fibre matted; 39 cretonne pillows; 6 covers for pillows; 41 doilies with crocheted edges; 8½ yds. crocheted edging; 740 runners hemmed; 6 woven runners; 1 embroidered; 1 hemstitched piano cover; 1 5-piece bridge set (Italian hemstitched); 1 linen tray with hemstitched; 4 tan linen runners hemstitched; 4 tan Indianhead runners hemstitched; 1 square centerpiece embroidered and hemstitched; 2 prs. hand-painted book-ends; 10 wooden boxes; 4 patchwork quilts; 9 patchwork covers cut and sewed; 22 warps for looms; 13 frames warped; 12 face cloths; 6 turkish towels with crocheted edges; 10 sachet bags; 2250 Christmas Programs folded and stamped; 10 Valentine favors; all reed articles stained and shellaced; 1087 qts. currants packed; 971 qts. gooseberries picked; 4160 lbs. peas; 16,366 lbs. beans.

(Lovering Colony): 6 braid weave rugs; 10¾ yds. trackers; 25 lbs. rug material; 10 table covers hemstitched; 2 prs. curtains hemstitched; 17 doilies, 51 puff covers. In addition to the articles produced by the patients; the following have been made in the department: 25 posters; 2 drums for chandeliers; 25 building permits framed; 2 pictures framed; 1 set of pictures mounted and framed; 3 pictures passe mounted; chapel and center decorated for Christmas; chapel for Valentine; April and Hallowe'en dances; 278 prs. curtains; 283 valances; 306 tie-backs.

The following equipment was added to the department during the year: 1 claw

hammer; 1 saw; 1 oil stove; 1 step ladder; 1 set numeral stencils; 10 prs. curtain and valances; 1 pr. sash curtains; 1 folding screen; 1 steel locker; 2 rug frames; 5 rubber trackers; 1 mirror; 1 soap dish; 1 steamboat whistle; 1 baby cry; 1 duck quack; 1 wind whistle; 6 music stands.

#### TRAINING SCHOOL FOR NURSES

The training school has continued its work without interruption during the past year. The number of students is not yet large, but seems to be increasing. A class of five was graduated on October 15, 1927, and all of these have passed the State Board Examinations. We now have five students and eight preliminary students.

The graduation exercises were held on October 15, 1927. The address of the evening was delivered by C. Macfie Campbell, M. D., Medical Director of the Boston Psychopathic Hospital, and Professor of Psychiatry at Harvard University. After the formal exercises, a reception for the graduates was held, and this was followed by dancing.

Trained nurses are invaluable in the care of the mentally ill and it is hoped that the classes will continue to increase in number as there still is a deficiency in the number of nurses who have been trained along this line.

#### PATHOLOGICAL LABORATORY

The work in this department has been greatly increased during the past year. This increase to a large degree has been due to the employment of a well-trained technician. The clinical duties of the laboratory are being performed promptly and efficiently. The equipment is complete and almost any clinical procedure can be performed. The number of autopsies has increased. Much tissue work has been done and a number of interesting specimens have been added to our museum. It would seem that a good foundation has now been established and we hope to venture into the field of research sometime during the coming year.

The following gives the detail of the work performed during the year: urinalyses, 1630; spinal fluids, 92; blood sugars, 11; non-protein nitrogen, 21; urea 3; urea nitrogen, 3; creatinin, 4; white blood counts, 479; complete blood counts 194; smears, 151; cultures, 40; sputa, 39; feces, 41; metabolism tests, 12; stomach content, 2; quantitative albumen, 5; quantitative sugar, 46; acetone, 10; diacetic acid, 4; Von Pirquet tests, 22; renal function tests, 14; diazo reaction 12; autopsies, 63 (40 men and 23 women).

#### RELIGIOUS SERVICES

The regular Sunday services at the main group have been conducted regularly during the year, the Catholic clergymen officiating in the morning and the Protestant in the afternoon, with special services at each of the colonies. The various clergymen have made numerous visits to the hospital and have always been found willing to administer help in every way possible.

#### ENTERTAINMENT

Besides the entertainments furnished the patients by the hospital, as outlined in the Occupational Therapy Department report, there have been several given by other interested parties.

Through the courtesy of the Welfare Department of the Knights of Columbus on January 12 the patients enjoyed an evening of music and singing by trained entertainers. Shortly after, the David F. Adams Post, No. 611, Veterans of Foreign Wars Auxiliary of Taunton, gave an entertainment assisted by the Miles-Norton Orchestra. Others were given on March 3, by the Davis Studio Orchestra, on March 9, by the American Legion Auxiliary and on April 7, by the Wrentham State School. All of these were thoroughly enjoyed by the patients and employees present.

The ex-service men have been visited regularly, as mentioned in last year's



report, by the Taunton and Fall River Posts of the American Legion, the Knights of Columbus, the David F. Adams Post No. 611 Veterans of Foreign Wars, and by the Veterans of the Spanish War.

The following people contributed to the annual Christmas Contributions: S. M. Stone, Mary B. Besse, Elizabeth C. M. Gifford, Mrs. Rogers, Mr. and Mrs. H. M. Lane, John B. Croteau, Charles A. Davis, Thomas Gardner, Mrs. Charles N. Cook, Mrs. Walter Doyle, Mrs. H. E. Waterman, Grace Waterman, Martin J. Brown, John F. Kerrigan, Sarah Ward, Harvey C. Sampson, Jennie G. Blackmer, George H. Pierce, Lucy J. Bullock, W. H. Healey, John H. Ward, Frank Schmid, Edward Diskin, R. E. Drake, Alexina Banville, Dora Levy.

#### LIBRARY

During the past year, 457 volumes have been discarded. The majority of these were duplicate volumes of Harper's and the Century Magazine, running in some cases, up to 8 copies of 1 volume, and many in very bad condition. The remainder were books not fitted for a hospital library. By purchase and gift, 395 books have been added. A large percentage of the books purchased have greatly enriched the library in fields in which it is greatly in arrears, namely—recent standard books of biography, travel and fiction. Much still remains however, to be done along these lines.

The plan for book circulation outlined in last year's report has been very successful, and at the present time the average is 100 volumes per week, patients and employees. A reading room and facilities to increase the reading among the patients at Borden Colony is being planned, and a start has been made in getting the library classified on the A. L. A. system.

Through the efforts of the trustees of the hospital, it has been possible to obtain subscriptions for 27 newspapers from the surrounding cities and towns, and relatives and friends are urged to subscribe to local newspapers for the use of patients, it is extremely desirable to increase the amount of current reading.

We are indebted to the persons whose names are mentioned below for the donation of books and magazines: Mrs. C. H. Robertson, Mr. J. P. Taylor, Mrs. McCormack, Dr. W. F. Wyatt, Mr. Charles Dinsmore, Mr. McCormack, Florence Howe, R. N.; Mrs. Zilpha Chace, Rev. Maurice E. Barrett, Mrs. Charles MacDonald, Miss Bliss, Brownell and Burt, Mrs. Elizabeth C. M. Gifford, Mr. Harry O'Neil, Mr. John Perreira, Mrs. Smith, Mr. L. E. Bassett, Mr. T. J. Gady, Mr. Francis, Mrs. Mary B. Besse, Scofield's Market, Mrs. James O'Neil, Mrs. P. C. Lincoln, Mrs. Berube, Mr. Morse, Mr. Richard Smerdon, Mrs. Burke, Mrs. Cole, Miss Edith Curtis, Mrs. Allyn, Mrs. James A. Clare, Miss Priscilla Padhurst, Mrs. Sarah Hathaway, Mrs. Nelson, Dr. Frank Hubbard, Mrs. George Howard, Mrs. Thompson, Mr. M. W. Wright, Mr. J. F. Kinschild, Mr. Frank Wilbur, Mrs. William H. Reed, Mr. Herbert Woodard, Mr. Robinson, Mr. Charles Harvey, Mrs. Charles Simmons, Miss Grace Potter, Mrs. Callahan, Mr. T. M. Smith, Mr. E. Russell Davol, Mrs. Joseph Rose, Miss Mary Dineen, Mrs. Chase, Mrs. Joseph Lincoln, Mr. Albert Jones, Miss Nellie O'Hearne, Mrs. Edward Tetreault, Miss F. Francis, Mr. A. Shawcross.

#### FARM

The past year has been a very difficult one on the farm. Much of our land is sand and as the season was wet, our losses were great. The land upon which our cabbages were planted, was submerged for several days and our crop entirely destroyed. Potatoes rotted in the ground and we had less than one-third of our crop. The vegetables which could be harvested and used early in the season did fairly well. Pork production remained about the same as last year. Our production per cow, shows but slight increase; this has been due in part, to the fact that several heifers have been added to the herd. Our cattle have been tested for tuberculosis and found free from that disease. It was very difficult to

keep our hogs in a sanitary condition during the summer, because of the excessive moisture in the ground upon which they were kept.

More than 8000 qts. of strawberries were produced and we hope that next year the peach orchard, which we have been adding to each year, will begin to produce.

The following is a detail of the farm production:

Milk, 627,825 lbs.; asparagus, 3322 lbs.; shell beans, 795 lbs.; beet greens, 80 lbs.; carrots, 21,627 lbs.; celery, 2242 lbs.; sweet corn, 13,828 lbs.; lettuce, 80 lbs.; parsley, 1¼ lbs.; green peas, 4670 lbs.; potatoes, 73,766 lbs.; radishes, 378 lbs.; spinach, 2130 lbs.; winter squash, 36,161 lbs.; turnips, 83,586 lbs.; apples, 5473 lbs.; grapes, 693 lbs.; strawberries, 8172 lbs.; beef, 8937 lbs.; liver, 1264 lbs. fowl, 2976½ lbs.; hay, 141,890 lbs.; ensilage corn, 1,420,760 lbs.; eggs, 3762½ lbs.; string beans, 14,625 lbs.; beets, 24,645 lbs.; cabbages, 8751 lbs.; cauliflower, 258 lbs.; Swiss chard, 27,077 lbs.; cucumbers, 1541 lbs.; onions, 26,487 lbs.; parsnips, 15,930 lbs.; peppers, 86 lbs.; pumpkins, 11,810 lbs.; rhubarb, 4590 lbs. summer squash, 6365 lbs.; tomatoes, 13,712 lbs.; turnip greens, 1675 lbs.; currants, 1191 lbs.; gooseberries, 848 lbs.; raspberries, 55 lbs.; pork, 49,766 lbs. chicken, 134 lbs.; broilers, 1851 lbs.; green feed, 241,970 lbs.; mangels, 328,000 lbs.

### GROUNDNS

The routine work on the grounds has been continued. The weather during the past winter was especially favorable, and the outside working parties were able to make more progress than usual. Practically all of the land between the main hospital and the farm group was cleared of stumps, and all of the dead trees of the grounds were taken out. As the practice is now to remove the stump with the tree, it is believed that this sort of work is about half completed. The lawns and the roadsides in the vicinity of the new cottages are now ready for seeding. A large depression in the ground back of these houses has not been entirely filled in; but will be in the near future.

The main road was thoroughly patched and then treated to a coat of sand and oil. As a result, it is now in very good condition. About one-fourth of the old sidewalk between the nurses' home and the front gate, was replaced with a new 5-foot cement walk. This improvement has been needed for some time and we hope that we will be able to continue next year. Quite a little has been accomplished in the vicinity of the new entrance on Bay Street in the way of filling and removing stone and other waste materials. The greenhouse has continued to function efficiently and the number of flowers and potted plants has increased. This has been made possible to a large extent, not by an increase in production but by care of the plants on the wards and elsewhere.

### INDUSTRIAL DEPARTMENT

During the past year, this department moved into its new quarters in the new Industrial Building. The main industrial shoe and tailor shops are located on the second floor. Much of the equipment is new and the shops are well ventilated and lighted. This relocation has helped, especially in the main industrial shop, as the industries which were previously located in rather widely distributed rooms are now taken care of in one large one. This makes the supervision much easier.

The sterilization of mattress hair by steam and hot water has been discontinued as it was found that much better results were obtained by having the mattresses to be renovated, cleaned by a regular dry-cleaning plant.

The new quarters for the sewing room are being finished and will be occupied early in the coming year. We have not been able to use the furniture shop as the room is still occupied by the ice tanks and ice cream plant. We hope to be able to remove this old equipment very soon, and there seems to be little question that the furniture shop will be functioning by the middle of next summer as it



now practically ready for occupancy with the exception of painting. Some of the machinery has already been delivered.

Every effort is being made to increase this department, as the part it plays in the maintenance of the institution, is a very great one. During the past year, 84 patients were employed. They have done very good work and without question, have been greatly benefited mentally and physically. The following is the detail of the work accomplished:

#### MAIN INDUSTRIAL SHOP

*Made:* 887 brooms; 207 brushes; 9 roast pans; 3 ice cream boxes; 3 steamers; 2 spice scoops; 8 soup cans; 8 coffee cans; 41 dustpans; 12 cups; 23 milk cans; 4 covers; 13 meat tins; 2 kettles; 2 coal hods; 7 dippers; 13 powder tins; 2 double boilers; 8 ash cans; 1 refrigerator; 5 trays; 36 swill tubs; 13 wash tubs; 1 oil can; 18 diet tins; 1 vase; 42 pails; 26 sauce tins; 2 vegetable kettles; 1 soup ladle; 4 dishpans; 13 footbaths; 3 dye tins; 13 cannisters; 4 pans; 1 shovel; 24 containers; 2 drain funnels; 1 shelf; 1 spray; 2 galvanized boxes.

*Repaired:* 2 phonographs; 6 wash tubs; 14 pails; 2 steamers; 88 roast pans; 2 coal hods; 10 pitchers; 2 wash boilers; 3 containers; 110 cups; 3 ice chests; 15 potato barrels; 18 ice cream freezers; 1 laundry wagon; 7 sauce pans; 22 coffee cans; 3 teapots; 3 strainers; 1 flour scoop; 3 water cans; 8 milk cans; 1 potato nasher; 1 fan hood; 1 tank; 6 baskets; 2 tubs; 3 garbage cans; 1 bread cutter; 27 soup cans; 26 thermos; 12 cake tins; 15 tea kettles; 82 meat tins; 1 towel rack; 4 double boilers; 2 flour sifters; 9 coffee pots; 1 sofa; 6 dippers; 11 vegetable boilers; 2 dishpans; 29 kettles.

*Caned:* 166 chairs. *Braided:* 1363 yds. rope; 12 door mats. *Upholstered:* 10 cushions; 5 chairs; 2 lounges.

#### TAILOR SHOP

*Made:* 394 coats; 335 pants; 113 overalls; 12 pack mattresses; 2 overcoats; 14 pack pillows; 15 tub covers; 91 suits pressed for employees; 32 grummets in tub covers; 1 flag; 215 suspenders; 206 rugs; 18 yds. towelling; 7 bags; 8 tub hammocks.

*Repaired and Pressed:* 1171 coats; 1294 pants; 51 overalls; 22 suits pressed for patients; 12 grummets in tub covers; 608 vests; 259 blankets; 24 rugs; 8 carpets; 1 nurses' capes; 1 suit (made over and pressed); 1 baseball suit; 6 runners; 26 tub covers; 4 overcoats.

#### MATTHEWS SHOP

*Made:* 937 mattresses; 396 pillows. *Picked:* 4100 lbs. hair.

#### SEWING ROOM

*Made:* 1863 dresses; 604 nightgowns; 404 slips; 216 petticoats; 509 aprons; 16 women's B. V. D.; 36 chemises; 24 drawers; 192 trousers; 1284 shirts; 540 night shirts; 47 men's night jackets; 98 overalls; 355 men's B. V. D.; 526 attendants' sheets; 1053 attendants' pillow slips; 1397 attendants' towels; 107 attendants' table cloths; 140 attendants' laundry bags; 86 attendants' caps; 92 tub covers; 8 tub hammocks; 4845 patients' towels; 183 patients' table cloths; 151 shroud sheets; 214 shroud squares; 131 officers' pillow slips; 68 officers' sheets; 48 officers' towels; 54 officers' dish towels; 1 officers' puff; 15 officers' laundry bags; 12 bed socks; 24 bed socks; 1150 dish towels; 2837 ward sheets; 1840 pillow slips; 72 draw sheets; 251 pack sheets; 142 kitchen holders; 12 khaki aprons; 321 ticking aprons; 12 ticking laundry bags; 230 sash curtains; 12 ward curtains; 104 hemstitched curtains; 70 ruffled curtains; 70 curtain tie-backs; 12 cretonne overdrapes; 14 cretonne curtains; 6 valances; 1 couch cover; 6 cretonne tie-backs; 7 cushions; 14 low ticks; 185 mattress ticks; 225 screen covers; 83 mittens; 3 shirts for patient; 2 bath towels; 2 aprons for patient; 5 aprons for employee; 4 dresses for employee; 4 ward aprons; 44 men's hydro. aprons; 203 blankets cut and sewed; 102 bibs for

male patients; 1 cover for storeroom; 25 cases for rubber gloves; 7 commode covers; 78 tray cloths; 12 ether caps; 26 ether stockings; 20 table covers; 12 nurses' caps; 43 coffee bags; 150 ice collar covers; 24 fomentation cloths; 2 silence cloths; 12 T binders; 24 abdominal swathes; 12 triangular slings; 36 dentist towels; 12 dentist gowns; 41 blue squares sewed on pack blankets; 6 table cloths for Raynham Colony; 80 napkins; 12 special sheets; 193 hydro. pillow slips; 7 khaki wardrobes; 165 sick shirts; 48 office towels.

*Mended:* 34 dentist gowns; 12 sheets; 62 blankets; 17 aprons; 140 curtains; 65 towels; 101 bedspreads; 50 sash curtains; 96 table cloths; 99 pack blankets; 257 mattress ticks; 128 tub hammocks; 201 tub covers.

*Summary:* Produced 25,242 articles; mended 1262 articles; darned 5648 stockings; marked 69,257 articles; taped 2455 articles; stencilled 69,257.

#### MENDING ROOM

3229 aprons; 84 bathrobes; 289 coats; 72 corset covers; 7732 drawers; 14,092 dresses; 3823 laundry bags; 15,059 nightgowns; 451 overalls; 14 pads; 22 pajamas; 3379 petticoats; 1293 pillow slips; 98 puff covers; 10 shawls; 5270 sheets; 11,193 shirts; 2973 spreads; 75 stockings; 53 sweaters; 35 table cloths; 399 towels; 497 trousers; 10 tub covers. *Total*, 70,158.

#### REPAIRS AND RENEWALS

The appropriation under this heading, amounted to \$25,000 last year. This was quite satisfactory and we have been able to accomplish much with it.

A new fire-proof floor was installed in the corridor of Male Ward 4. Shower baths and dressing rooms have been completed on Male Wards 4, 5 and 6. Lovering Colony and 4 officers' cottages have been re-shingled. A 7' x 7' tunnel, connecting the coal pocket with the boiler house has been constructed and the main highway through the hospital grounds thoroughly resurfaced. Our program on changing of locks and on equipping our windows with fly screens has been continued. A steam heater was installed in the steward's cottage and new laundry sinks at Lovering Colony, also the following: meat slicer for the kitchen, jointer for the carpenter shop, set of garment pressers for the laundry, garment pressers for the tailor shop meat and coffee grinders for the storehouse.

#### REPAIRS ORDINARY

We have been able to accomplish much in this field during the past year, and the condition of the buildings is constantly improving. Our mechanics, especially those connected with the engineering force, have been occupied much of the time in new construction. All wiring, steamfitting and plumbing in new construction has been accomplished by these men.

Our painting program has gone on without interruption and if nothing prevents by another year, only routine work will remain to be done.

Because of the age of the institution repairs are numerous, and for that reason it is believed that the appropriation under this heading, should be increased next year.

#### ACKNOWLEDGMENT

In conclusion, permit me to express my appreciation to all those who have made donations to our library and Christmas fund during the past year, and to the organizations and societies who have aided in the entertainment of our patients. I am extremely grateful to the members of the Board for their unfailing interest and advice, and deeply indebted to the employees of the institution who, by their efforts, have made the work of this year possible.

RALPH M. CHAMBERS, *Superintendent.*



## TREASURER'S REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1927.

## CASH ACCOUNT

## Receipts

|   |                    |
|---|--------------------|
| <i>Income</i>                               |                    |
| Board of Patients.....                      | \$88,018.05        |
|   | <u>\$88,018.05</u> |
| Personal Services:                          |                    |
| Reimbursement from Board of Retirement..... | 195.95             |
| Sales:                                      |                    |
| Clothing and Materials.....                 | \$161.55           |
| Furnishings and Household Supplies.....     | 29.60              |
| Medical and General Care.....               | 2.25               |
| Heat, Light and Power.....                  | 3.20               |
| Farm:                                       |                    |
| Cows and calves.....                        | \$270.00           |
| Pigs and hogs.....                          | 39.00              |
| Hides.....                                  | 82.24              |
| Bulls.....                                  | 160.00             |
| Sundries.....                               | .15                |
|   | <u>551.39</u>      |
| Repairs, Ordinary.....                      | 767.17             |
| Total Sales.....                            | <u>\$1,515.16</u>  |
| Miscellaneous:                              |                    |
| Interest on bank balances.....              | \$379.94           |
| Rent.....                                   | 450.00             |
|   | <u>\$829.94</u>    |
| Board of employees.....                     | 180.00             |
|   | <u>\$90,739.10</u> |
| Total Income.....                           | \$90,739.10        |

## MAINTENANCE

|  |                     |
|--|---------------------|
| Balance from previous year, brought forward.....         | \$17,185.35         |
| Appropriations, current year.....                        | \$552,520.00        |
| Sale of potatoes, cr. to Maintenance Appropriations..... | 584.43              |
| Transferred from other Institutions.....                 | 5,804.00            |
| Total.....   | <u>\$576,093.78</u> |
| Expenses (as analyzed below).....                        | 558,346.93          |
|  | <u>\$17,746.85</u>  |
| Balance reverting to Treasury of Commonwealth.....       | \$17,746.85         |

## Analysis of Expenses

|   |                     |
|---|---------------------|
| Personal Services.....                          | \$272,773.58        |
| Religious Instruction.....                      | 1,795.00            |
| Travel, transportation and office expenses..... | 6,369.30            |
| Food.....                                       | 98,952.63           |
| Clothing and materials.....                     | 15,786.71           |
| Furnishings and household supplies.....         | 31,894.68           |
| Medical and general care.....                   | 17,646.45           |
| Heat, light and power.....                      | 39,198.26           |
| Farm.....                                       | 29,372.71           |
| Stable, stable and grounds.....                 | 5,761.63            |
| Repairs ordinary.....                           | 14,880.71           |
| Repairs and renewals.....                       | 23,915.27           |
| Total expenses for Maintenance.....             | <u>\$558,346.93</u> |

## SPECIAL APPROPRIATIONS

|  |                     |
|--|---------------------|
| Balance December 1, 1926.....                        | \$25,533.74         |
| Appropriations for current year.....                 | 109,000.00          |
| Total.....   | <u>\$134,533.74</u> |
| Expended during the year (see statement below).....  | \$81,707.73         |
| Reverting to Treasury of Commonwealth.....           | 17.21               |
|  | <u>\$81,724.94</u>  |
| Balance November 30, 1927, carried to next year..... | \$52,808.80         |

| OBJECT                              | Act or Resolve      | Whole Amount | Expended during Fiscal Year | Total Expended to Date | Balance at End of Year |
|-------------------------------------|---------------------|--------------|-----------------------------|------------------------|------------------------|
| Fire Protection.....                | Acts 1927 Chap. 347 | \$18,000 00  | \$7,076.23                  | \$17,982.79            | 17.21*                 |
| Two officer's cottages.....         | Acts 1926 Chap. 79  | 12,000.00    | 907.47                      | 11,999.38              | .62                    |
| Remodelling certain buildings.....  | Acts 1926. Chap. 79 | 55,000.00    | 16,867.59                   | 54,335.38              | 664.62                 |
| Completion of storehouse..          | Acts 1927 Chap. 138 | 38,000.00    | 18,056.43                   | 18,056.43              | 19,943.57              |
| Constructing Bakeshop...            | Acts 1927 Chap. 138 | 32,000.00    | 19,148.23                   | 19,148.23              | 12,851.77              |
| Employees' cottage.....             | Acts 1927 Chap. 138 | 28,000.00    | 17,466.57                   | 17,466.57              | 10,533.43              |
| Furnishing Officers' Cottages ..... | Acts 1927 Chap. 138 | 3,500.00     | 2,185.21                    | 2,185.21               | 1,314.79               |
| Storehouse equipment....            | Acts 1927 Chap. 138 | 7,500.00     | .....                       | .....                  | 7,500.00               |
|                                     |                     | \$194,000.00 | \$81,707.73                 | \$141,173.99           | \$52,826.01            |

|   |             |
|---|-------------|
| Balance reverting to Treasury of the Commonwealth during year (mark item with *)..... | \$17.21     |
| Balance carried to next year.....   | \$52,808.80 |
| Total as above.....   | \$52,826.01 |

PER CAPITA  
During the year the average number of inmates has been, 1,470.  
Total cost for maintenance, \$558,346.93  
Equal to a weekly per capita cost of \$7.30 (52 weeks to year).  
Receipt from sales, \$1,515.16  
Equal to a weekly per capita of \$.0198.  
All other institution receipts, \$89,223.94.  
Equal to a weekly per capita of \$1.1671.  
Net weekly per capita \$6.1131.

Respectfully submitted,  
FRANK W. BOYNTON, *Treasurer.*

Total receipts and payments are in agreement with Comptroller's books of account.  
JAMES C. McCORMICK.

VALUATION

NOVEMBER 30, 1927  
REAL ESTATE

|                      |              |
|----------------------|--------------|
| Land, 336 acres..... | \$52,250.00  |
| Buildings.....       | 873,607.62   |
|                      | \$925,857.62 |

PERSONAL PROPERTY

|   |              |
|---|--------------|
| Travel, transportation and office expenses..... | \$4,126.70   |
| Food.....                                       | 15,549.80    |
| Clothing and materials.....                     | 19,893.20    |
| Furnishings and household supplies.....         | 111,941.34   |
| Medical and general care.....                   | 18,648.10    |
| Heat, light and power.....                      | 13,177.27    |
| Farm.....                                       | 38,540.30    |
| Garage, stables and grounds.....                | 7,111.40     |
| Repairs.....                                    | 19,185.50    |
|   | \$248,173.80 |

SUMMARY

|                        |                |
|------------------------|----------------|
| Real Estate.....       | \$925,857.62   |
| Personal Property..... | 248,173.89     |
|                        | \$1,174,031.57 |

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION  
PRESCRIBED BY THE MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1.—General Information

1. Date of opening as a hospital for mental diseases, 1854.
2. Type of hospital: State
3. Hospital plant  
Value of hospital:  
Real estate, including buildings..... \$925,857.62  
Personal property..... 248,173.89  
Total..... \*1,174,031.57
- Total acreage of hospital property owned, 336.  
(Includes grounds, farm and garden and sites occupied by buildings)
- Total acreage under cultivation during previous year, 147  
(Includes land owned and rented)
4. Officers and Employees



|   | ACTUALLY IN SERVICE<br>AT END OF YEAR |     |          | VACANCIES AT END<br>OF YEAR                   |     |            |
|---|---------------------------------------|-----|----------|---|-----|------------|
|   | M.                                    | F.  | T.       | M.  | F.  | T.         |
| Superintendents.....  | 1                                     | -   | 1        | -   | -   | -          |
| Assistant Physicians.....   | 7                                     | 1   | 8        | -   | -   | -          |
| Total physicians.....   | 8                                     | 1   | 9        | -   | -   | -          |
| Stewards.....   | 1                                     | -   | 1        | -   | -   | -          |
| Resident dentists.....  | 1                                     | -   | 1        | -   | -   | -          |
| Pharmacists.....  | -                                     | 1   | 1        | -   | -   | -          |
| Graduate nurses.....  | 3                                     | 13  | 16       | -   | -   | -          |
| Other nurses and attendants.....  | 76                                    | 57  | 133      | 6   | 15  | 21         |
| Occupational therapists.....  | -                                     | 7   | 7        | -   | -   | -          |
| Social workers.....   | -                                     | 3   | 3        | -   | -   | -          |
| All other officers and employees.....   | 62                                    | 57  | 119      | 1   | 3   | 4          |
| Total officers and employees.....   | 151                                   | 139 | 290      | 9   | 18  | 27         |
| Census of patient population at end of year   |                                       |     |          |   |     |            |
|   | ACTUALLY IN HOSPITAL                  |     |          | ABSENT FROM<br>HOSPITAL BUT STILL<br>ON BOOKS |     |            |
|   | M.                                    | F.  | T.       | M.  | F.  | T.         |
| White   |                                       |     |          |   |     |            |
| Insane*, total.....   | 672                                   | 764 | 1436     | 72  | 186 | 258        |
| Other Races   |                                       |     |          |   |     |            |
| Insane*, total.....   | 16                                    | 13  | 29       | 1   | 2   | 3          |
| Grand Total.....  | 688                                   | 777 | 1465     | 88  | 199 | 287        |
|   |                                       |     | M.       | F.  |     | T.         |
| Patients under treatment in occupational-therapy classes, including physical training, on date of report..... |                                       |     | 75       | 101   |     | 176        |
| Other patients employed in general work of hospital on date of report.....                                    |                                       |     | 541      | 424   |     | 965        |
| Average daily number of all patients actually in hospital during year.....                                    |                                       |     | 697.8686 | 773.8255                                      |     | 1,471.6941 |
| Voluntary patients admitted during year.....  |                                       |     | 3        | 1   |     | 4          |
| Persons given advice or treatment in out-patient clinics during year.....                                     |                                       |     | 40       | 52  |     | 92         |

TABLE 2.—*Financial Statement*

See Treasurer's report for data requested under this table.





TABLE 4.—*Nativity of First Admissions and of Parents of First Admissions for the Year ending September 30, 1927*

| NATIVITY           | PATIENTS |     |     | PARENTS OF<br>MALE PATIENTS |     |      | PARENTS OF<br>FEMALE PATIENTS |     |      |
|--------------------|----------|-----|-----|-----------------------------|-----|------|-------------------------------|-----|------|
|                    | M.       | F.  | T.  | F.                          | M.  | Both | F.                            | M.  | Both |
| United States..... | 82       | 83  | 165 | 46                          | 43  | 89   | 49                            | 46  | 95   |
| Africa.....        | —        | —   | —   | —                           | —   | —    | 1                             | —   | 1    |
| Australia.....     | —        | —   | —   | 1                           | —   | 1    | —                             | —   | —    |
| Austria.....       | —        | 1   | 1   | —                           | —   | —    | 1                             | 1   | 2    |
| Canada*.....       | 15       | 16  | 31  | 21                          | 19  | 40   | 22                            | 23  | 45   |
| England.....       | 8        | 4   | 12  | 11                          | 11  | 22   | 10                            | 11  | 21   |
| Ireland.....       | 1        | 2   | 3   | 2                           | 2   | 4    | 2                             | 2   | 4    |
| France.....        | —        | —   | —   | 1                           | 1   | 2    | —                             | —   | —    |
| Germany.....       | 1        | 1   | 2   | 3                           | 3   | 6    | 3                             | 3   | 6    |
| Greece.....        | 1        | 1   | 2   | 2                           | 2   | 4    | 1                             | 1   | 2    |
| Italy.....         | 6        | 12  | 18  | 19                          | 22  | 41   | 21                            | 21  | 42   |
| Japan.....         | 5        | 4   | 9   | 5                           | 5   | 10   | 4                             | 4   | 8    |
| Land.....          | 5        | 4   | 9   | 6                           | 6   | 12   | 4                             | 4   | 8    |
| Portugal.....      | 16       | 14  | 30  | 19                          | 18  | 37   | 20                            | 20  | 40   |
| Russia.....        | —        | 1   | 1   | —                           | —   | —    | 1                             | 1   | 2    |
| Scotland.....      | —        | 1   | 1   | 1                           | 2   | 3    | 2                             | 2   | 4    |
| Sweden.....        | 1        | 1   | 2   | 2                           | 2   | 4    | 1                             | 1   | 2    |
| West Indies‡.....  | —        | 1   | 1   | —                           | —   | —    | 2                             | 2   | 4    |
| Unclassified.....  | —        | —   | —   | 2                           | 5   | 7    | 2                             | 4   | 6    |
| Total.....         | 141      | 146 | 287 | 141                         | 141 | 282  | 146                           | 146 | 292  |

includes Newfoundland

‡Except Cuba and Porto Rico

TABLE 4a.—Age of First Admissions Classified with Reference to Nativity and Length of Residence in the United States of the Foreign Born for the Year ending September 30, 1927

| AGE GROUPS             |     | NATIVE BORN |     |       |    |     |           |    |    |    |    |    |         | FOREIGN BORN |    |       |    |    |  |   |    |   |   |    |               |    |    |    |    |    |
|------------------------|-----|-------------|-----|-------|----|-----|-----------|----|----|----|----|----|---------|--------------|----|-------|----|----|--|---|----|---|---|----|---------------|----|----|----|----|----|
|                        |     | Aggregate   |     | Total |    |     | PARENTAGE |    |    |    |    |    |         |              |    |       |    |    | TIME IN UNITED STATES BEFORE ADMISSION |   |    |   |   |    |               |    |    |    |    |    |
|                        |     |             |     |       |    |     | Native    |    |    |    |    |    | Foreign |              |    | Mixed |    |    |  |   |    |   |   |    | Unascertained |    |    |    |    |    |
|                        |     |             |     |       |    |     | M.        | F. | T. | M. | F. | T. | M.      | F.           | T. | M.    | F. | T. |  |   |    |   |   |    | M.            | F. | T. |    |    |    |
| Under 15 years.....    | 3   | 4           | 7   | 2     | 4  | 6   | —         | —  | —  | —  | —  | —  | 2       | 1            | 3  | —     | —  | —  | 1                                      | 1 | 2  | — | — | —  | —             | —  | —  | —  | —  |    |
| 15-19 years.....       | 10  | 15          | 25  | 8     | 8  | 16  | —         | —  | —  | —  | —  | —  | 3       | 5            | 8  | —     | —  | —  | 1                                      | 3 | 4  | — | — | —  | —             | —  | —  | —  | —  |    |
| 20-24 years.....       | 9   | 17          | 26  | 8     | 4  | 12  | —         | —  | —  | —  | —  | —  | 2       | 2            | 4  | —     | —  | —  | 1                                      | 1 | 2  | — | — | —  | —             | —  | —  | —  | —  |    |
| 25-29 years.....       | 11  | 15          | 26  | 1     | 7  | 8   | —         | —  | —  | —  | —  | —  | 1       | 1            | 2  | —     | —  | —  | 1                                      | 1 | —  | — | — | —  | —             | —  | —  | —  | —  |    |
| 30-34 years.....       | 18  | 15          | 33  | 15    | 9  | 21  | 5         | 2  | 7  | 6  | 4  | 6  | 2       | 1            | 2  | —     | —  | —  | 3                                      | 1 | —  | — | — | —  | —             | —  | —  | —  | —  |    |
| 35-39 years.....       | 22  | 14          | 36  | 19    | 9  | 18  | 5         | 5  | 10 | 4  | 2  | 6  | 2       | 2            | 4  | —     | —  | —  | 3                                      | 1 | —  | — | — | —  | —             | —  | —  | —  | —  |    |
| 40-44 years.....       | 13  | 13          | 26  | 5     | 5  | 10  | 5         | 7  | 12 | —  | —  | —  | 2       | 1            | 3  | —     | —  | —  | 3                                      | 1 | —  | — | — | —  | —             | —  | —  | —  | —  |    |
| 45-49 years.....       | 7   | 6           | 13  | 5     | 4  | 9   | 3         | 7  | 10 | —  | —  | —  | 1       | 1            | 2  | —     | —  | —  | 1                                      | 1 | —  | — | — | —  | —             | —  | —  | —  | —  |    |
| 50-54 years.....       | 11  | 14          | 25  | 8     | 4  | 12  | 3         | 6  | 9  | 2  | 1  | 3  | 1       | 1            | 2  | —     | —  | —  | 1                                      | 1 | —  | — | — | —  | —             | —  | —  | —  | —  |    |
| 55-59 years.....       | 10  | 9           | 19  | 8     | 4  | 10  | 4         | 8  | 13 | 5  | 2  | 2  | 1       | 1            | 2  | —     | —  | —  | 1                                      | 1 | —  | — | — | —  | —             | —  | —  | —  | —  |    |
| 60-64 years.....       | 14  | 9           | 23  | 8     | 5  | 13  | 3         | 5  | 8  | 1  | 3  | 4  | —       | —            | —  | —     | —  | —  | —                                      | — | —  | — | — | —  | —             | —  | —  | —  | —  |    |
| 65-69 years.....       | 13  | 25          | 38  | 9     | 16 | 25  | 7         | 12 | 19 | 2  | 2  | 4  | —       | —            | —  | —     | —  | —  | —                                      | — | —  | — | — | —  | —             | —  | —  | —  | —  |    |
| 70 years and over..... | —   | —           | —   | —     | —  | —   | —         | —  | —  | —  | —  | —  | —       | —            | —  | —     | —  | —  | —                                      | — | —  | — | — | —  | —             | —  | —  | —  | —  |    |
| Unascertained.....     | —   | —           | —   | —     | —  | —   | —         | —  | —  | —  | —  | —  | —       | —            | —  | —     | —  | —  | —                                      | — | —  | — | — | —  | —             | —  | —  | —  | —  |    |
| Total.....             | 141 | 146         | 287 | 81    | 84 | 165 | 36        | 42 | 78 | 27 | 23 | 50 | 14      | 13           | 27 | 4     | 6  | 10 | 8                                      | 5 | 13 | 3 | 8 | 11 | 9             | 8  | 17 | 40 | 41 | 81 |



TABLE 5.—*Citizenship of First Admissions for the Year ending September 30, 1927*

|                                 | Males | Females | Total |
|---------------------------------|-------|---------|-------|
| Citizens by birth.....          | 81    | 84      | 165   |
| Citizens by naturalization..... | 21    | 8       | 29    |
| Aliens.....                     | 39    | 54      | 93    |
| Citizenship unascertained.....  | —     | —       | —     |
| Total.....                      | 141   | 146     | 287   |

TABLE 6.—*Psychoses of First Admissions for the Year ending September 30, 1927*

| PSYCHOSES   | Males | Females | Total |
|---|-------|---------|-------|
| Traumatic psychoses.....                                      | 1     | —       | 1     |
| Senile psychoses.....   | 5     | 14      | 19    |
| Psychoses with cerebral arteriosclerosis.....                 | 25    | 25      | 50    |
| General paralysis.....  | 21    | 5       | 26    |
| Psychoses with cerebral syphilis.....                         | —     | —       | —     |
| Psychoses with Huntington's chorea.....                       | —     | —       | —     |
| Psychoses with brain tumor.....                               | —     | —       | —     |
| Psychoses with other brain or nervous diseases, total.....    | 3     | 3       | 6     |
| Alcoholic psychoses, total.....                               | 17    | 3       | 20    |
| Psychoses due to drugs and other exogenous toxins, total..... | —     | —       | —     |
| Psychoses with pellagra.....                                  | —     | —       | —     |
| Psychoses with other somatic diseases, total.....             | 1     | 5       | 6     |
| Manic-depressive psychoses, total.....                        | 2     | 6       | 8     |
| Involution melancholia.....                                   | 6     | 13      | 19    |
| Dementia praecox (schizophrenia).....                         | 33    | 45      | 78    |
| Paranoia and paranoid conditions.....                         | 3     | 4       | 7     |
| Epileptic psychoses.....                                      | 4     | 2       | 6     |
| Psychoneuroses and neuroses, total.....                       | 2     | 2       | 4     |
| Psychoses with psychopathic personality.....                  | 1     | —       | 1     |
| Psychoses with mental deficiency.....                         | 1     | 2       | 3     |
| Undiagnosed psychoses.....                                    | 16    | 16      | 32    |
| Without psychosis, total.....                                 | —     | 1       | 1     |
| Total.....  | 141   | 146     | 287   |

TABLE 7.—*Race of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927*

| RACE                           | TOTAL |     |     | TRAUMATIC |    |    | SENILE |    |    | WITH CEREBRAL ARTERIO-SCLEROSIS |    |    |
|--------------------------------|-------|-----|-----|-----------|----|----|--------|----|----|---------------------------------|----|----|
|                                | M.    | F.  | T.  | M.        | F. | T. | M.     | F. | T. | M.                              | F. | T. |
| Indian (black).....            | 2     | 5   | 7   | —         | —  | —  | —      | 1  | 1  | —                               | —  | —  |
| African Indian.....            | 1     | —   | 1   | —         | —  | —  | —      | —  | —  | —                               | —  | —  |
| Irish and Flemish.....         | 1     | —   | 1   | —         | —  | —  | —      | —  | —  | —                               | —  | —  |
| English.....                   | 38    | 52  | 90  | —         | —  | —  | 1      | 5  | 6  | 10                              | 13 | 23 |
| Scottish.....                  | 2     | 2   | 4   | —         | —  | —  | —      | —  | —  | —                               | —  | —  |
| Welsh.....                     | 19    | 15  | 34  | —         | —  | —  | —      | 1  | 1  | 4                               | 4  | 8  |
| German.....                    | 3     | 5   | 8   | —         | —  | —  | —      | —  | —  | —                               | 2  | 2  |
| Polish.....                    | 2     | 1   | 3   | —         | —  | —  | —      | —  | —  | —                               | —  | —  |
| Swedish.....                   | —     | 1   | 1   | —         | —  | —  | —      | 1  | 1  | —                               | —  | —  |
| Scandinavian.....              | 24    | 25  | 49  | —         | —  | —  | 2      | 4  | 6  | 5                               | 2  | 7  |
| Norwegian.....                 | 5     | 4   | 9   | —         | —  | —  | —      | —  | —  | 1                               | —  | 1  |
| Danish.....                    | —     | 1   | 1   | —         | —  | —  | —      | —  | —  | —                               | —  | —  |
| Swedish.....                   | —     | 1   | 1   | —         | —  | —  | —      | —  | —  | —                               | 1  | 1  |
| Swedish.....                   | 19    | 19  | 38  | 1         | —  | 1  | 1      | 1  | 2  | 2                               | 2  | 4  |
| Scandinavian.....              | 2     | 1   | 3   | —         | —  | —  | —      | —  | —  | —                               | 1  | 1  |
| Swedish.....                   | 1     | 2   | 3   | —         | —  | —  | —      | —  | —  | —                               | —  | —  |
| Swedish.....                   | 6     | 3   | 9   | —         | —  | —  | —      | —  | —  | 1                               | —  | 1  |
| Swedish.....                   | 15    | 8   | 23  | —         | —  | —  | 1      | 1  | 2  | 2                               | —  | 2  |
| Citizenship unascertained..... | 1     | 1   | 2   | —         | —  | —  | —      | —  | —  | —                               | —  | —  |
| Total.....                     | 141   | 146 | 287 | 1         | —  | 1  | 5      | 14 | 19 | 25                              | 25 | 50 |

Includes "North" and "South".

†Norwegians, Danes, and Swedes.

Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovian, Montenegrin, Moravian, Polish, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7.—Race of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927—Continued

| RACE                    | GENERAL PARALYSIS |    |    | WITH OTHER BRAIN OR NERVOUS DISEASES |    |    | ALCOHOLIC |    |    | WITH OTHER SOMATIC DISEASES |    |    |
|-------------------------|-------------------|----|----|--------------------------------------|----|----|-----------|----|----|-----------------------------|----|----|
|                         | M.                | F. | T. | M.                                   | F. | T. | M.        | F. | T. | M.                          | F. | T. |
| African (black).....    | —                 | 1  | 1  | —                                    | —  | —  | —         | —  | —  | —                           | —  | —  |
| American Indian.....    | —                 | —  | —  | —                                    | —  | —  | —         | —  | —  | —                           | —  | —  |
| Dutch and Flemish.....  | —                 | —  | —  | —                                    | —  | —  | —         | —  | —  | —                           | —  | —  |
| English.....            | 8                 | 1  | 9  | 1                                    | 1  | 2  | 2         | —  | 2  | 1                           | 2  | 3  |
| Finnish.....            | —                 | —  | —  | —                                    | 1  | 1  | —         | —  | —  | —                           | —  | —  |
| French.....             | 1                 | —  | 1  | 1                                    | —  | 1  | 3         | —  | 3  | —                           | 1  | 1  |
| German.....             | 1                 | —  | 1  | —                                    | —  | —  | —         | —  | —  | —                           | —  | —  |
| Greek.....              | —                 | —  | —  | —                                    | —  | —  | 1         | —  | 1  | —                           | —  | —  |
| Hebrew.....             | —                 | —  | —  | —                                    | —  | —  | —         | —  | —  | —                           | —  | —  |
| Irish.....              | 3                 | —  | 3  | —                                    | —  | —  | 6         | 2  | 8  | —                           | —  | —  |
| Italian*.....           | —                 | —  | —  | —                                    | —  | —  | 1         | —  | 1  | —                           | 2  | 2  |
| Lithuanian.....         | —                 | —  | —  | —                                    | —  | —  | —         | —  | —  | —                           | —  | —  |
| Magyar.....             | —                 | —  | —  | —                                    | —  | —  | —         | —  | —  | —                           | —  | —  |
| Portuguese.....         | 5                 | 3  | 8  | —                                    | 1  | 1  | 2         | 1  | 3  | —                           | —  | —  |
| Scandinavian†.....      | —                 | —  | —  | —                                    | —  | —  | —         | —  | —  | —                           | —  | —  |
| Scotch.....             | 1                 | —  | 1  | —                                    | —  | —  | —         | —  | —  | —                           | —  | —  |
| Slavonic‡.....          | —                 | —  | —  | 1                                    | —  | 1  | 1         | —  | 1  | —                           | —  | —  |
| Mixed.....              | 1                 | —  | 1  | —                                    | —  | —  | 1         | —  | 1  | —                           | —  | —  |
| Race unascertained..... | 1                 | —  | 1  | —                                    | —  | —  | —         | —  | —  | —                           | —  | —  |
| Total.....              | 21                | 5  | 26 | 3                                    | 3  | 6  | 17        | 3  | 20 | 1                           | 5  | 6  |

\*Includes "North" and "South".  
†Norwegians, Danes and Swedes.  
‡Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7.—Race of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927—Continued

| RACE                    | MANIC-DEPRESSIVE |    |    | INVOLUTION MELANCHOLIA |    |    | DEMENTIA PRAECOX |    |    | PARANOID AND PARANOID CONDITIONS |    |    | EPILEPTIC PSYCHOSES |    |    |
|-------------------------|------------------|----|----|------------------------|----|----|------------------|----|----|----------------------------------|----|----|---------------------|----|----|
|                         | M.               | F. | T. | M.                     | F. | T. | M.               | F. | T. | M.                               | F. | T. | M.                  | F. | T. |
| African (black).....    | —                | —  | —  | 1                      | —  | 1  | 1                | 2  | 3  | —                                | —  | —  | —                   | —  | —  |
| American Indian.....    | —                | —  | —  | —                      | —  | —  | 1                | —  | 1  | —                                | —  | —  | —                   | —  | —  |
| Dutch and Flemish.....  | —                | —  | —  | —                      | —  | —  | 1                | —  | 1  | —                                | —  | —  | —                   | —  | —  |
| English.....            | —                | 2  | 2  | 1                      | 8  | 9  | 5                | 7  | 12 | —                                | 3  | 3  | 1                   | —  | 1  |
| Finnish.....            | —                | —  | —  | —                      | —  | —  | 2                | 1  | 3  | —                                | —  | —  | —                   | —  | —  |
| French.....             | 1                | 1  | 2  | 1                      | —  | 1  | 3                | 6  | 9  | 1                                | —  | 1  | 1                   | —  | 1  |
| German.....             | —                | —  | —  | —                      | —  | —  | 1                | 2  | 3  | —                                | —  | —  | 1                   | 1  | 2  |
| Greek.....              | —                | —  | —  | —                      | —  | —  | 1                | —  | 1  | —                                | —  | —  | —                   | —  | —  |
| Hebrew.....             | —                | —  | —  | —                      | —  | —  | —                | —  | —  | —                                | —  | —  | —                   | —  | —  |
| Irish.....              | 1                | 2  | 3  | 1                      | 2  | 3  | 4                | 11 | 15 | —                                | —  | —  | —                   | —  | —  |
| Italian*.....           | —                | —  | —  | —                      | —  | —  | 2                | 2  | 4  | —                                | —  | —  | —                   | —  | —  |
| Lithuanian.....         | —                | —  | —  | —                      | —  | —  | —                | 1  | 1  | —                                | —  | —  | —                   | —  | —  |
| Magyar.....             | —                | —  | —  | —                      | —  | —  | —                | —  | —  | —                                | —  | —  | —                   | —  | —  |
| Portuguese.....         | —                | —  | —  | 1                      | —  | 1  | 6                | 9  | 15 | —                                | —  | —  | —                   | 1  | 1  |
| Scandinavian†.....      | —                | —  | —  | —                      | —  | —  | 1                | —  | 1  | —                                | —  | —  | —                   | —  | —  |
| Scotch.....             | —                | —  | —  | —                      | 1  | 1  | —                | —  | —  | —                                | —  | —  | —                   | —  | —  |
| Slavonic‡.....          | —                | —  | —  | —                      | —  | —  | 3                | 2  | 5  | —                                | —  | —  | —                   | —  | —  |
| Mixed.....              | —                | 1  | 1  | 1                      | 2  | 3  | 2                | 2  | 4  | 2                                | —  | 2  | 1                   | —  | 1  |
| Race unascertained..... | —                | —  | —  | —                      | —  | —  | —                | —  | —  | —                                | 1  | 1  | —                   | —  | —  |
| Total.....              | 2                | 6  | 8  | 6                      | 13 | 19 | 33               | 45 | 78 | 3                                | 4  | 7  | 4                   | 2  | 6  |

\*Includes "North" and "South".  
†Norwegian, Danes and Swedes.  
‡Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.



TABLE 7.—*Race of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927—Concluded*

| RACE                    | PSYCHO-<br>NEUROSES<br>AND NEUROSES |    |    | WITH<br>PSYCHOPATHIC<br>PERSONALITY |    |    | WITH<br>MENTAL<br>DEFICIENCY |    |    | UNDIAGNOSED<br>PSYCHOSES |    |    | WITHOUT<br>PSYCHOSIS |    |    |
|-------------------------|-------------------------------------|----|----|-------------------------------------|----|----|------------------------------|----|----|--------------------------|----|----|----------------------|----|----|
|                         | M.                                  | F. | T. | M.                                  | F. | T. | M.                           | F. | T. | M.                       | F. | T. | M.                   | F. | T. |
| African (black).....    | -                                   | -  | -  | -                                   | -  | -  | -                            | -  | -  | -                        | -  | -  | -                    | 1  | 1  |
| American Indian.....    | -                                   | -  | -  | -                                   | -  | -  | -                            | -  | -  | -                        | -  | -  | -                    | -  | -  |
| Dutch and Flemish.....  | -                                   | -  | -  | -                                   | -  | -  | -                            | -  | -  | -                        | -  | -  | -                    | -  | -  |
| English.....            | 2                                   | 1  | 3  | -                                   | -  | -  | -                            | 1  | 1  | 6                        | 8  | 14 | -                    | -  | -  |
| Finnish.....            | -                                   | -  | -  | -                                   | -  | -  | -                            | -  | -  | -                        | -  | -  | -                    | -  | -  |
| French.....             | -                                   | -  | -  | -                                   | -  | -  | 1                            | 1  | 2  | 2                        | 1  | 3  | -                    | -  | -  |
| German.....             | -                                   | -  | -  | -                                   | -  | -  | -                            | -  | -  | -                        | -  | -  | -                    | -  | -  |
| Greek.....              | -                                   | -  | -  | -                                   | -  | -  | -                            | -  | -  | -                        | 1  | 1  | -                    | -  | -  |
| Hebrew.....             | -                                   | -  | -  | -                                   | -  | -  | -                            | -  | -  | -                        | -  | -  | -                    | -  | -  |
| Irish.....              | -                                   | -  | -  | -                                   | -  | -  | -                            | -  | -  | 2                        | 2  | 4  | -                    | -  | -  |
| Italian*.....           | -                                   | -  | -  | -                                   | -  | -  | -                            | -  | -  | 1                        | -  | 1  | -                    | -  | -  |
| Lithuanian.....         | -                                   | -  | -  | -                                   | -  | -  | -                            | -  | -  | -                        | -  | -  | -                    | -  | -  |
| Magyar.....             | -                                   | -  | -  | -                                   | -  | -  | -                            | -  | -  | -                        | -  | -  | -                    | -  | -  |
| Portuguese.....         | -                                   | -  | -  | -                                   | -  | -  | -                            | -  | -  | 1                        | 1  | 2  | -                    | -  | -  |
| Scandinavian†.....      | -                                   | -  | -  | -                                   | -  | -  | -                            | -  | -  | 1                        | -  | 1  | -                    | -  | -  |
| Serbo-Croat.....        | -                                   | 1  | 1  | -                                   | -  | -  | -                            | -  | -  | -                        | -  | -  | -                    | -  | -  |
| Slovene†.....           | -                                   | -  | -  | -                                   | -  | -  | -                            | -  | -  | -                        | 1  | 1  | -                    | -  | -  |
| Swedish.....            | -                                   | -  | -  | 1                                   | -  | 1  | -                            | -  | -  | 3                        | 2  | 5  | -                    | -  | -  |
| Race unascertained..... | -                                   | -  | -  | -                                   | -  | -  | -                            | -  | -  | -                        | -  | -  | -                    | -  | -  |
| Total.....              | 2                                   | 2  | 4  | 1                                   | -  | 1  | 1                            | 2  | 3  | 16                       | 16 | 32 | -                    | 1  | 1  |

\*Includes "North" and "South".

†Norwegians, Danes and Swedes.

Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 8.—*Age of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927*

| PSYCHOSES                                    | Total |     |     | 15—19<br>Years |    |    | 20—24<br>Years |    |    | 25—29<br>Years |    |    |
|--|-------|-----|-----|----------------|----|----|----------------|----|----|----------------|----|----|
|  | M.    | F.  | T.  | M.             | F. | T. | M.             | F. | T. | M.             | F. | T. |
| Traumatic.....                               | 1     | -   | 1   | -              | -  | -  | -              | -  | -  | -              | -  | -  |
| Senile.....                                  | 5     | 14  | 19  | -              | -  | -  | -              | -  | -  | -              | -  | -  |
| With cerebral arteriosclerosis.....          | 25    | 25  | 50  | -              | -  | -  | -              | -  | -  | -              | -  | -  |
| General paralysis.....                       | 21    | 5   | 26  | -              | -  | -  | -              | -  | -  | -              | -  | -  |
| With cerebral syphilis.....                  | -     | -   | -   | -              | -  | -  | -              | -  | -  | -              | -  | -  |
| With Huntington's chorea.....                | -     | -   | -   | -              | -  | -  | -              | -  | -  | -              | -  | -  |
| With brain tumor.....                        | -     | -   | -   | -              | -  | -  | -              | -  | -  | -              | -  | -  |
| With other brain or nervous diseases.....    | 3     | 3   | 6   | -              | -  | -  | -              | -  | -  | -              | -  | -  |
| Alcoholic.....                               | 17    | 3   | 20  | -              | -  | -  | -              | -  | -  | -              | -  | -  |
| Due to drugs and other exogenous toxins..... | -     | -   | -   | -              | -  | -  | -              | -  | -  | -              | -  | -  |
| With pellagra.....                           | -     | -   | -   | -              | -  | -  | -              | -  | -  | -              | -  | -  |
| With other somatic diseases.....             | 1     | 5   | 6   | -              | -  | -  | -              | -  | -  | -              | -  | -  |
| Manic-depressive.....                        | 2     | 6   | 8   | -              | 1  | 1  | -              | 1  | 1  | -              | -  | -  |
| Evolution melancholia.....                   | 6     | 13  | 19  | -              | -  | -  | -              | -  | -  | -              | -  | -  |
| Dementia praecox.....                        | 33    | 45  | 78  | 3              | 2  | 5  | 7              | 12 | 19 | 7              | 7  | 14 |
| Paranoia and paranoid conditions.....        | 3     | 4   | 7   | -              | -  | -  | -              | -  | -  | -              | -  | -  |
| Epileptic psychoses.....                     | 4     | 2   | 6   | -              | -  | -  | 1              | -  | 1  | 1              | -  | 1  |
| Psychoneuroses and neuroses.....             | 2     | 2   | 4   | -              | -  | -  | -              | -  | -  | -              | -  | -  |
| With psychopathic personality.....           | 1     | -   | 1   | -              | -  | -  | -              | -  | -  | 1              | -  | 1  |
| With mental deficiency.....                  | 1     | 2   | 3   | -              | -  | -  | -              | -  | -  | 1              | -  | 1  |
| Undiagnosed psychoses.....                   | 16    | 16  | 32  | -              | -  | -  | 1              | 1  | 2  | -              | -  | -  |
| Without psychosis.....                       | -     | 1   | 1   | -              | -  | -  | -              | 1  | 1  | -              | -  | -  |
| Total.....                                   | 141   | 146 | 287 | 3              | 3  | 6  | 9              | 15 | 24 | 10             | 7  | 17 |

TABLE 8.—*Age of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927—Continued*

| PSYCHOSES   | 30—34<br>Years |    |    | 35—39<br>Years |    |    | 40—44<br>Years |    |    | 45—49<br>Years |    |    |
|---|----------------|----|----|----------------|----|----|----------------|----|----|----------------|----|----|
|   | M.             | F. | T. | M.             | F. | T. | M.             | F. | T. | M.             | F. | T. |
| 1. Traumatic.....                                   | —              | —  | —  | —              | —  | —  | —              | —  | —  | 1              | —  | 1  |
| 2. Senile.....                                      | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  |
| 3. With cerebral arteriosclerosis.....              | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  |
| 4. General paralysis.....                           | 2              | —  | 2  | 7              | 2  | 9  | 3              | —  | 3  | 4              | 2  | 6  |
| 5. With cerebral syphilis.....                      | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  |
| 6. With Huntington's chorea.....                    | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  |
| 7. With brain tumor.....                            | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  |
| 8. With other brain or nervous diseases.....        | —              | —  | —  | 1              | 1  | 2  | 1              | 1  | 2  | 1              | 1  | 2  |
| 9. Alcoholic.....                                   | 2              | —  | 2  | 2              | —  | 2  | 4              | 1  | 5  | —              | —  | —  |
| 10. Due to drugs and other exogenous<br>toxins..... | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  |
| 11. With pellagra.....                              | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  |
| 12. With other somatic diseases.....                | —              | —  | —  | —              | 1  | 1  | —              | —  | —  | —              | 1  | 1  |
| 13. Manic-depressive.....                           | 2              | —  | 2  | —              | 1  | 1  | —              | 1  | 1  | —              | —  | —  |
| 14. Involution melancholia.....                     | —              | —  | —  | —              | 2  | 2  | 3              | —  | 3  | 2              | 6  | 8  |
| 15. Dementia praecox.....                           | 3              | 11 | 14 | 11             | 3  | 14 | —              | 6  | 6  | 1              | —  | 1  |
| 16. Paranoia and paranoid conditions.....           | —              | —  | —  | 1              | —  | 1  | —              | 1  | 1  | 1              | —  | 1  |
| 17. Epileptic psychoses.....                        | —              | —  | —  | 2              | 1  | 3  | —              | 1  | 1  | —              | —  | —  |
| 18. Psychoneuroses and neuroses.....                | 1              | —  | 1  | —              | 1  | 1  | 1              | 1  | 2  | —              | —  | —  |
| 19. With psychopathic personality.....              | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  |
| 20. With mental deficiency.....                     | —              | 1  | 1  | —              | 1  | 1  | —              | —  | —  | —              | —  | —  |
| 21. Undiagnosed psychoses.....                      | 1              | 2  | 3  | 2              | 2  | 4  | 2              | 5  | 7  | 3              | 3  | 6  |
| 22. Without psychosis.....                          | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  |
| Total.....  | 11             | 14 | 25 | 26             | 15 | 41 | 14             | 17 | 31 | 13             | 13 | 26 |

TABLE 8.—*Age of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927—Concluded*

| PSYCHOSES   | 50—54<br>Years |    |    | 55—59<br>Years |    |    | 60—64<br>Years |    |    | 65—69<br>Years |    |    | 70 Years<br>and over |    |    |
|---|----------------|----|----|----------------|----|----|----------------|----|----|----------------|----|----|----------------------|----|----|
|   | M.             | F. | T. | M.             | F. | T. | M.             | F. | T. | M.             | F. | T. | M.                   | F. | T. |
| 1. Traumatic.....                                   | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  |
| 2. Senile.....                                      | —              | —  | —  | 1              | 2  | 3  | —              | —  | —  | —              | 2  | 2  | 4                    | 10 | 1  |
| 3. With cerebral arterio-<br>sclerosis.....         | —              | 1  | 1  | 2              | 2  | 4  | 8              | 3  | 11 | 9              | 5  | 14 | 6                    | 14 | 2  |
| 4. General paralysis.....                           | 3              | 1  | 4  | 1              | —  | 1  | —              | —  | —  | 1              | —  | 1  | —                    | —  | —  |
| 5. With cerebral syphilis...                        | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  |
| 6. With Huntington's chorea                         | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  |
| 7. With brain tumor.....                            | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  |
| 8. With other brain or nerv-<br>ous diseases.....   | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  |
| 9. Alcoholic.....                                   | 3              | —  | 3  | 1              | 1  | 2  | 1              | 1  | 2  | 3              | —  | 3  | 1                    | —  | —  |
| 10. Due to drugs and other<br>exogenous toxins..... | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  |
| 11. With pellagra.....                              | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  |
| 12. With other somatic dis-<br>eases.....           | —              | 1  | 1  | —              | —  | —  | —              | 1  | 1  | 1              | 1  | 2  | —                    | —  | —  |
| 13. Manic-depressive.....                           | —              | —  | —  | —              | 2  | 2  | —              | —  | —  | —              | —  | —  | —                    | —  | —  |
| 14. Involution melancholia..                        | —              | 1  | 1  | —              | 3  | 3  | 1              | 1  | 2  | —              | —  | —  | —                    | —  | —  |
| 15. Dementia praecox.....                           | —              | —  | —  | 1              | 1  | 2  | —              | 3  | 3  | —              | —  | —  | —                    | —  | —  |
| 16. Paranoia and paranoid<br>conditions.....        | —              | —  | —  | 1              | 3  | 4  | —              | —  | —  | —              | —  | —  | —                    | —  | —  |
| 17. Epileptic psychoses.....                        | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  |
| 18. Psychoneuroses and neu-<br>roses.....           | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  |
| 19. With psychopathic per-<br>sonality.....         | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  |
| 20. With mental deficiency..                        | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  |
| 21. Undiagnosed psychoses...                        | 1              | —  | 1  | 2              | —  | 2  | 2              | —  | 2  | —              | 2  | 2  | 2                    | 1  | —  |
| 22. Without psychosis.....                          | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  |
| Total.....  | 7              | 4  | 11 | 9              | 14 | 23 | 12             | 9  | 21 | 14             | 10 | 24 | 13                   | 25 | 3  |



TABLE 9.—Degree of Education of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927

| PSYCHOSES   | TOTAL |     |     | ILLITERATE |    |    | READS AND WRITES* |    |    | COMMON SCHOOL |    |     | HIGH SCHOOL |    |    | COLLEGE |    |    | UNASCERTAINED |    |    |
|---|-------|-----|-----|------------|----|----|-------------------|----|----|---------------|----|-----|-------------|----|----|---------|----|----|---------------|----|----|
|   | M.    | F.  | T.  | M.         | F. | T. | M.                | F. | T. | M.            | F. | T.  | M.          | F. | T. | M.      | F. | T. | M.            | F. | T. |
|   |       |     |     |            |    |    |                   |    |    |               |    |     |             |    |    |         |    |    |               |    |    |
| 1. Traumatic .....                                | 1     | —   | 1   | —          | —  | —  | 1                 | —  | 1  | —             | —  | —   | —           | —  | —  | —       | —  | —  | —             | 1  | —  |
| 2. Senile .....                                   | 5     | 14  | 19  | 2          | 6  | 8  | —                 | 1  | 1  | —             | 2  | 7   | —           | 2  | 2  | —       | —  | —  | —             | —  | 1  |
| 3. With cerebral arteriosclerosis .....           | 25    | 25  | 50  | 4          | 4  | 8  | —                 | 5  | 10 | 16            | 10 | 26  | —           | 3  | 3  | —       | —  | —  | —             | —  | —  |
| 4. General paralysis .....                        | 21    | 5   | 26  | 1          | 1  | 2  | —                 | 1  | 3  | 15            | 2  | 17  | —           | 4  | 4  | —       | —  | —  | —             | —  | —  |
| 5. With cerebral syphilis .....                   | —     | —   | —   | —          | —  | —  | —                 | —  | —  | —             | —  | —   | —           | —  | —  | —       | —  | —  | —             | —  | —  |
| 6. With Huntington's chorea .....                 | —     | —   | —   | —          | —  | —  | —                 | —  | —  | —             | —  | —   | —           | —  | —  | —       | —  | —  | —             | —  | —  |
| 7. With brain tumor .....                         | —     | —   | —   | —          | —  | —  | —                 | —  | —  | —             | —  | —   | —           | —  | —  | —       | —  | —  | —             | —  | —  |
| 8. With other brain or nervous diseases .....     | 3     | 3   | 6   | —          | —  | —  | —                 | —  | —  | 2             | 3  | 5   | —           | 1  | 1  | —       | —  | —  | —             | —  | —  |
| 9. Alcoholic .....                                | 17    | 3   | 20  | 2          | —  | 2  | —                 | 3  | 2  | 12            | 1  | 13  | —           | —  | —  | —       | —  | —  | —             | —  | —  |
| 10. Due to drugs and other exogenous toxins ..... | —     | —   | —   | —          | —  | —  | —                 | —  | —  | —             | —  | —   | —           | —  | —  | —       | —  | —  | —             | —  | —  |
| 11. With pellagra .....                           | —     | —   | —   | —          | —  | —  | —                 | —  | —  | —             | —  | —   | —           | —  | —  | —       | —  | —  | —             | —  | —  |
| 12. With other somatic diseases .....             | 1     | 5   | 6   | —          | —  | —  | —                 | —  | 3  | 1             | 1  | 2   | —           | —  | 1  | —       | —  | —  | —             | —  | —  |
| 13. Manic-depressive .....                        | 2     | 6   | 8   | —          | 1  | 1  | —                 | —  | —  | 2             | 3  | 5   | —           | 2  | 2  | —       | —  | —  | —             | —  | —  |
| 14. Involution melancholia .....                  | 6     | 13  | 19  | —          | 2  | 2  | —                 | 1  | 1  | 5             | 10 | 15  | —           | —  | —  | —       | —  | —  | —             | —  | —  |
| 15. Dementia praecox .....                        | 33    | 45  | 78  | —          | 4  | 4  | —                 | 6  | 10 | 25            | 26 | 51  | —           | 2  | 4  | 1       | —  | —  | —             | —  | —  |
| 16. Paranoia and paranoid conditions .....        | 3     | 4   | 7   | —          | —  | —  | —                 | 1  | 1  | 2             | 2  | 4   | —           | —  | 2  | —       | —  | —  | —             | —  | —  |
| 17. Epileptic psychoses .....                     | 4     | 2   | 6   | —          | —  | —  | —                 | —  | —  | 3             | 2  | 5   | —           | 1  | 1  | —       | —  | —  | —             | —  | —  |
| 18. Psychoneuroses and neuroses .....             | 2     | 2   | 4   | —          | —  | —  | —                 | —  | —  | 2             | 1  | 3   | —           | —  | —  | —       | —  | —  | —             | —  | —  |
| 19. With psychopathic personality .....           | 1     | 2   | 3   | —          | —  | —  | —                 | —  | —  | 1             | 1  | 2   | —           | —  | —  | —       | —  | —  | —             | —  | —  |
| 20. With mental deficiency .....                  | 1     | 2   | 3   | —          | 1  | 1  | —                 | —  | —  | 1             | 1  | 2   | —           | —  | —  | —       | —  | —  | —             | —  | —  |
| 21. Undiagnosed psychoses .....                   | 16    | 16  | 32  | —          | 6  | 6  | —                 | 4  | 1  | 10            | 7  | 17  | —           | 1  | 1  | —       | —  | —  | —             | 1  | —  |
| 22. Without psychosis .....                       | —     | 1   | 1   | —          | —  | —  | —                 | —  | 1  | —             | —  | —   | —           | —  | —  | —       | —  | —  | —             | —  | —  |
| Total .....                                       | 141   | 146 | 287 | 9          | 25 | 34 | 21                | 26 | 47 | 99            | 74 | 173 | 10          | 16 | 26 | —       | 5  | 5  | 2             | —  | 2  |

\*Includes those who did not complete fourth grade in school.

TABLE 10.—*Environment of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927*

| PSYCHOSES  | TOTAL |     |     | URBAN |     |     | RURAL |    |    |
|--|-------|-----|-----|-------|-----|-----|-------|----|----|
|  | M.    | F.  | T.  | M.    | F.  | T.  | M.    | F. | T. |
| 1. Traumatic.....                                | 1     | —   | 1   | 1     | —   | 1   | —     | —  | —  |
| 2. Senile.....                                   | 5     | 14  | 19  | 4     | 13  | 17  | 1     | 1  | —  |
| 3. With cerebral arteriosclerosis.....           | 25    | 25  | 50  | 22    | 22  | 44  | 3     | 3  | —  |
| 4. General paralysis.....                        | 21    | 5   | 26  | 21    | 5   | 26  | —     | —  | —  |
| 5. With cerebral syphilis.....                   | —     | —   | —   | —     | —   | —   | —     | —  | —  |
| 6. With Huntington's chorea.....                 | —     | —   | —   | —     | —   | —   | —     | —  | —  |
| 7. With brain tumor.....                         | —     | —   | —   | —     | —   | —   | —     | —  | —  |
| 8. With other brain or nervous diseases.....     | 3     | 3   | 6   | 3     | 3   | 6   | —     | —  | —  |
| 9. Alcoholic.....                                | 17    | 3   | 20  | 13    | 3   | 16  | 4     | —  | —  |
| 10. Due to drugs and other exogenous toxins..... | —     | —   | —   | —     | —   | —   | —     | —  | —  |
| 11. With pellagra.....                           | —     | —   | —   | —     | —   | —   | —     | —  | —  |
| 12. With other somatic diseases.....             | 1     | 5   | 6   | 1     | 5   | 6   | —     | —  | —  |
| 13. Manic-depressive.....                        | 2     | 6   | 8   | 2     | 6   | 8   | —     | —  | —  |
| 14. Involution melancholia.....                  | 6     | 13  | 19  | 6     | 12  | 18  | —     | 1  | —  |
| 15. Dementia praecox.....                        | 33    | 45  | 78  | 31    | 43  | 74  | 2     | 2  | —  |
| 16. Paranoia and paranoid conditions.....        | 3     | 4   | 7   | 3     | 3   | 6   | —     | 1  | —  |
| 17. Epileptic psychoses.....                     | 4     | 2   | 6   | 3     | 2   | 5   | 1     | —  | —  |
| 18. Psychoneuroses and neuroses.....             | 2     | 2   | 4   | 2     | 2   | 4   | —     | —  | —  |
| 19. With psychopathic personality.....           | 1     | —   | 1   | 1     | —   | 1   | —     | —  | —  |
| 20. With mental deficiency.....                  | 1     | 2   | 3   | 1     | 2   | 3   | —     | —  | —  |
| 21. Undiagnosed psychoses.....                   | 16    | 16  | 32  | 15    | 15  | 30  | 1     | 1  | —  |
| 22. Without psychosis.....                       | —     | 1   | 1   | —     | 1   | 1   | —     | —  | —  |
| Total.....                                       | 141   | 146 | 287 | 129   | 137 | 266 | 12    | 9  | —  |

TABLE 11.—*Economic Condition of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927*

| PSYCHOSES  | TOTAL |     |     | DEPENDENT |    |    | MARGINAL |     |     | COMFORTABLE |    |
|--|-------|-----|-----|-----------|----|----|----------|-----|-----|-------------|----|
|  | M.    | F.  | T.  | M.        | F. | T. | M.       | F.  | T.  | M.          | F. |
| 1. Traumatic.....                                | 1     | —   | 1   | —         | —  | —  | 1        | —   | 1   | —           | —  |
| 2. Senile.....                                   | 5     | 14  | 19  | 1         | 6  | 7  | 4        | 6   | 10  | —           | 2  |
| 3. With cerebral arteriosclerosis.....           | 25    | 25  | 50  | 9         | 3  | 12 | 15       | 18  | 33  | 1           | 4  |
| 4. General paralysis.....                        | 21    | 5   | 26  | 2         | —  | 2  | 16       | 5   | 21  | 3           | —  |
| 5. With cerebral syphilis.....                   | —     | —   | —   | —         | —  | —  | —        | —   | —   | —           | —  |
| 6. With Huntington's chorea.....                 | —     | —   | —   | —         | —  | —  | —        | —   | —   | —           | —  |
| 7. With brain-tumor.....                         | —     | —   | —   | —         | —  | —  | —        | —   | —   | —           | —  |
| 8. With other brain or nervous diseases.....     | 3     | 3   | 6   | —         | 1  | 1  | 3        | 2   | 5   | —           | —  |
| 9. Alcoholic.....                                | 17    | 3   | 20  | 6         | —  | 6  | 11       | 3   | 14  | —           | —  |
| 10. Due to drugs and other exogenous toxins..... | —     | —   | —   | —         | —  | —  | —        | —   | —   | —           | —  |
| 11. With pellagra.....                           | —     | —   | —   | —         | —  | —  | —        | —   | —   | —           | —  |
| 12. With other somatic diseases.....             | 1     | 5   | 6   | —         | 1  | 1  | 1        | 3   | 4   | —           | 1  |
| 13. Manic-depressive.....                        | 2     | 6   | 8   | —         | —  | —  | 2        | 6   | 8   | —           | —  |
| 14. Involution melancholia.....                  | 6     | 13  | 19  | 1         | —  | 1  | 5        | 12  | 17  | —           | 1  |
| 15. Dementia praecox.....                        | 33    | 45  | 78  | 6         | 5  | 11 | 23       | 40  | 63  | 4           | —  |
| 16. Paranoia and paranoid conditions.....        | 3     | 4   | 7   | 1         | 1  | 2  | 2        | 3   | 5   | —           | —  |
| 17. Epileptic psychoses.....                     | 4     | 2   | 6   | 2         | 1  | 3  | 2        | 1   | 3   | —           | —  |
| 18. Psychoneuroses and neuroses.....             | 2     | 2   | 4   | —         | —  | —  | 2        | 2   | 4   | —           | —  |
| 19. With psychopathic personality.....           | 1     | —   | 1   | —         | —  | —  | 1        | —   | 1   | —           | —  |
| 20. With mental deficiency.....                  | 1     | 2   | 3   | —         | —  | —  | 1        | 2   | 3   | —           | —  |
| 21. Undiagnosed psychoses.....                   | 16    | 16  | 32  | 7         | 3  | 10 | 7        | 12  | 19  | 2           | 1  |
| 22. Without psychosis.....                       | —     | 1   | 1   | —         | —  | —  | —        | 1   | 1   | —           | —  |
| Total.....                                       | 141   | 146 | 287 | 35        | 21 | 56 | 96       | 116 | 212 | 10          | 9  |



TABLE 12.—*Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927*

| PSYCHOSES                                    | TOTAL |     |     | ABSTINENT |     |     | TEMPERATE |    |    | INTEMPERATE |    |    |
|--|-------|-----|-----|-----------|-----|-----|-----------|----|----|-------------|----|----|
|  | M.    | F.  | T.  | M.        | F.  | T.  | M.        | F. | T. | M.          | F. | T. |
| Traumatic.....                               | 1     | —   | 1   | —         | —   | —   | 1         | —  | 1  | —           | —  | —  |
| Senile.....                                  | 5     | 14  | 19  | 1         | 10  | 11  | 3         | 4  | 7  | 1           | —  | 1  |
| With cerebral arteriosclerosis.              | 25    | 25  | 50  | 10        | 23  | 33  | 7         | 1  | 8  | 8           | 1  | 9  |
| General paralysis.....                       | 21    | 5   | 26  | 5         | 4   | 9   | 9         | —  | 9  | 7           | 1  | 8  |
| With cerebral syphilis.....                  | —     | —   | —   | —         | —   | —   | —         | —  | —  | —           | —  | —  |
| With Huntington's chorea....                 | —     | —   | —   | —         | —   | —   | —         | —  | —  | —           | —  | —  |
| With brain tumor.....                        | —     | —   | —   | —         | —   | —   | —         | —  | —  | —           | —  | —  |
| With other brain or nervous diseases.....    | 3     | 3   | 6   | 1         | 3   | 4   | 1         | —  | 1  | 1           | —  | 1  |
| Alcoholic.....                               | 17    | 3   | 20  | —         | —   | —   | —         | —  | —  | 17          | 3  | 20 |
| Due to drugs and other exogenous toxins..... | —     | —   | —   | —         | —   | —   | —         | —  | —  | —           | —  | —  |
| With pellagra.....                           | —     | —   | —   | —         | —   | —   | —         | —  | —  | —           | —  | —  |
| With other somatic diseases..                | 1     | 5   | 6   | 1         | 5   | 6   | —         | —  | —  | —           | —  | —  |
| Manic-depressive.....                        | 2     | 6   | 8   | —         | 6   | 6   | 1         | —  | 1  | 1           | —  | 1  |
| Involution melancholia.....                  | 6     | 13  | 19  | 4         | 13  | 17  | 1         | —  | 1  | 1           | —  | 1  |
| Dementia praecox.....                        | 33    | 45  | 78  | 18        | 42  | 60  | 15        | 2  | 17 | —           | 1  | 1  |
| Paranoia and paranoid conditions.....        | 3     | 4   | 7   | 1         | 4   | 5   | 2         | —  | 2  | —           | —  | —  |
| Epileptic psychoses.....                     | 4     | 2   | 6   | 3         | 2   | 5   | 1         | —  | 1  | —           | —  | —  |
| Psychoneuroses and neuroses.                 | 2     | 2   | 4   | 2         | 2   | 4   | —         | —  | —  | —           | —  | —  |
| With psychopathic personality                | 1     | —   | 1   | 1         | —   | 1   | —         | —  | —  | —           | —  | —  |
| With mental deficiency.....                  | 1     | 2   | 3   | —         | 2   | 2   | —         | —  | —  | 1           | —  | 1  |
| Undiagnosed psychoses.....                   | 16    | 16  | 32  | 4         | 13  | 17  | 6         | 1  | 7  | 6           | 2  | 8  |
| Without psychosis.....                       | —     | 1   | 1   | —         | 1   | 1   | —         | —  | —  | —           | —  | —  |
| Total.....                                   | 141   | 146 | 287 | 51        | 130 | 181 | 47        | 8  | 55 | 43          | 8  | 51 |

TABLE 13.—*Marital Condition of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927*

| PSYCHOSES  | TOTAL |     |     | SINGLE |    |     | MARRIED |    |     | WIDOWED |    |    | SEPARATED |    |    | DIVORCED |    |    |
|--|-------|-----|-----|--------|----|-----|---------|----|-----|---------|----|----|-----------|----|----|----------|----|----|
|  | M.    | F.  | T.  | M.     | F. | T.  | M.      | F. | T.  | M.      | F. | T. | M.        | F. | T. | M.       | F. | T. |
|  |       |     |     |        |    |     |         |    |     |         |    |    |           |    |    |          |    |    |
| 1. Traumatic.....                                | 1     | —   | 1   | —      | —  | —   | 1       | —  | 1   | —       | —  | —  | —         | —  | —  | —        | —  | —  |
| 2. Senile.....                                   | 5     | 14  | 19  | —      | 5  | 6   | 3       | —  | 6   | —       | —  | —  | —         | —  | —  | —        | —  | —  |
| 3. With cerebral arteriosclerosis.....           | 25    | 25  | 50  | 1      | 6  | 11  | 17      | 3  | 28  | 1       | 6  | 7  | —         | —  | —  | —        | —  | —  |
| 4. General paralysis.....                        | 21    | 5   | 26  | 5      | —  | 5   | 16      | 3  | 19  | —       | —  | 2  | —         | —  | —  | —        | 1  | 1  |
| 5. With cerebral syphilis.....                   | —     | —   | —   | —      | —  | —   | —       | —  | —   | —       | —  | —  | —         | —  | —  | —        | —  | —  |
| 6. With Huntington's chorea.....                 | —     | —   | —   | —      | —  | —   | —       | —  | —   | —       | —  | —  | —         | —  | —  | —        | —  | —  |
| 7. With brain tumor.....                         | —     | —   | —   | —      | —  | —   | —       | —  | —   | —       | —  | —  | —         | —  | —  | —        | —  | —  |
| 8. With other brain or nervous diseases.....     | 3     | 3   | 6   | —      | 2  | 2   | 3       | —  | 3   | —       | —  | —  | —         | —  | —  | —        | —  | —  |
| 9. Alcoholic.....                                | 17    | 3   | 20  | 6      | —  | 6   | 8       | 2  | 10  | 1       | 1  | 2  | 1         | —  | —  | 1        | —  | 1  |
| 10. Due to drugs and other exogenous toxins..... | —     | —   | —   | —      | —  | —   | —       | —  | —   | —       | —  | —  | —         | —  | —  | —        | —  | —  |
| 11. With pellagra.....                           | —     | —   | —   | —      | —  | —   | —       | —  | —   | —       | —  | —  | —         | —  | —  | —        | —  | —  |
| 12. With other somatic diseases.....             | 1     | 5   | 6   | —      | —  | —   | 1       | 5  | 6   | —       | —  | —  | —         | —  | —  | —        | —  | —  |
| 13. Manic-depressive.....                        | 2     | 6   | 8   | 1      | 2  | 3   | 1       | 3  | 4   | —       | —  | —  | —         | —  | —  | —        | —  | —  |
| 14. Involution melancholia.....                  | 6     | 13  | 19  | 2      | 2  | 4   | 4       | 8  | 12  | —       | —  | 1  | —         | —  | —  | —        | 1  | 1  |
| 15. Dementia praecox.....                        | 33    | 45  | 78  | 25     | 24 | 49  | 7       | 19 | 26  | 1       | 2  | 1  | —         | —  | —  | —        | 2  | 2  |
| 16. Paranoia and paranoid conditions.....        | 3     | 4   | 7   | 3      | 3  | 6   | 3       | 1  | 4   | —       | —  | —  | —         | —  | —  | —        | —  | —  |
| 17. Epileptic psychoses.....                     | 4     | 2   | 6   | —      | 2  | 2   | 1       | —  | 1   | —       | —  | —  | —         | —  | —  | —        | —  | —  |
| 18. Psychoneuroses and neuroses.....             | 2     | 2   | 4   | 1      | 1  | 2   | 1       | —  | 1   | —       | —  | —  | —         | —  | —  | —        | 1  | 1  |
| 19. With psychopathic personality.....           | 1     | 2   | 3   | 1      | 1  | 2   | —       | —  | —   | —       | —  | —  | —         | —  | —  | —        | —  | —  |
| 20. With mental deficiency.....                  | 1     | —   | —   | —      | —  | —   | —       | —  | —   | —       | —  | —  | —         | —  | —  | —        | —  | —  |
| 21. Undiagnosed psychoses.....                   | 16    | 16  | 32  | 2      | 6  | 8   | 9       | 8  | 17  | 3       | 2  | 5  | 2         | —  | —  | —        | —  | —  |
| 22. Without psychosis.....                       | —     | 1   | 1   | —      | 1  | 1   | —       | —  | —   | —       | —  | —  | —         | —  | —  | —        | —  | —  |
| Total.....                                       | 141   | 146 | 287 | 53     | 56 | 109 | 75      | 63 | 138 | 9       | 22 | 31 | 3         | —  | 3  | 1        | 5  | 6  |



TABLE 14.—*Psychoses of Re-admissions for the Year ending September 30, 1927*

| PSYCHOSES  |    | M. | F. | T. |
|--|----|----|----|----|
| 1. Traumatic psychoses.....                                | —  | —  | —  | —  |
| 2. Senile psychoses.....                                   | —  | 1  | 1  | 1  |
| 3. Psychoses with cerebral arteriosclerosis.....           | 3  | 1  | 4  | 4  |
| 4. General paralysis.....                                  | —  | 1  | 1  | 1  |
| 5. Psychoses with cerebral syphilis.....                   | —  | —  | —  | —  |
| 6. Psychoses with Huntington's chorea.....                 | —  | —  | —  | —  |
| 7. Psychoses with brain tumor.....                         | —  | —  | —  | —  |
| 8. Psychoses with other brain or nervous diseases.....     | —  | —  | —  | —  |
| 9. Alcoholic psychoses.....                                | 6  | —  | 6  | 6  |
| 10. Psychoses due to drugs and other exogenous toxins..... | —  | —  | —  | —  |
| 11. Psychoses with pellagra.....                           | —  | —  | —  | —  |
| 12. Psychoses with other somatic diseases.....             | —  | —  | —  | —  |
| 13. Manic-depressive psychoses.....                        | 3  | 7  | 10 | 10 |
| 14. Involution melancholia.....                            | —  | 1  | 1  | 1  |
| 15. Dementia praecox.....                                  | 9  | 12 | 21 | 21 |
| 16. Paranoia and paranoid conditions.....                  | —  | 2  | 2  | 2  |
| 17. Epileptic psychoses.....                               | —  | 2  | 2  | 2  |
| 18. Psychoneuroses and neuroses.....                       | —  | 2  | 2  | 2  |
| 19. Psychoses with psychopathic personality.....           | —  | —  | —  | —  |
| 20. Psychoses with mental deficiency.....                  | 2  | —  | 2  | 2  |
| 21. Undiagnosed psychoses.....                             | 4  | 4  | 8  | 8  |
| 22. Without psychosis.....                                 | —  | 4  | 4  | 4  |
| Total.....   | 27 | 37 | 64 | 64 |

TABLE 15.—*Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge for the Year ending September 30, 1927*

| PSYCHOSES                                    | TOTAL |    |     | RECOVERED |    |    | IMPROVED |    |    | UNIMPROVED |    |    |
|--|-------|----|-----|-----------|----|----|----------|----|----|------------|----|----|
|  | M.    | F. | T.  | M.        | F. | T. | M.       | F. | T. | M.         | F. | T. |
| Traumatic.....                               | 1     | 1  | 2   | —         | —  | —  | 1        | 1  | 2  | —          | —  | —  |
| Senile.....                                  | —     | 1  | 1   | —         | —  | —  | —        | 1  | 1  | —          | —  | —  |
| With cerebral arteriosclerosis.....          | 1     | 3  | 4   | —         | —  | —  | 1        | 3  | 4  | —          | —  | —  |
| General paralysis.....                       | 4     | —  | 4   | —         | —  | —  | 4        | —  | 4  | —          | —  | —  |
| With cerebral syphilis.....                  | —     | —  | —   | —         | —  | —  | —        | —  | —  | —          | —  | —  |
| With Huntington's chorea.....                | —     | —  | —   | —         | —  | —  | —        | —  | —  | —          | —  | —  |
| With brain tumor.....                        | —     | —  | —   | —         | —  | —  | —        | —  | —  | —          | —  | —  |
| With other brain or nervous diseases.....    | —     | —  | —   | —         | —  | —  | —        | —  | —  | —          | —  | —  |
| Alcoholic.....                               | 16    | —  | 16  | 9         | —  | 9  | 6        | —  | 6  | 1          | —  | 1  |
| Due to drugs and other exogenous toxins..... | 1     | —  | 1   | 1         | —  | 1  | —        | —  | —  | —          | —  | —  |
| With pellagra.....                           | —     | —  | —   | —         | —  | —  | —        | —  | —  | —          | —  | —  |
| With other somatic diseases.....             | 1     | 4  | 5   | —         | 2  | 2  | 1        | 2  | 3  | —          | —  | —  |
| Manic-depressive.....                        | 20    | 17 | 37  | 15        | 4  | 19 | 4        | 12 | 16 | 1          | 1  | 2  |
| Involution melancholia.....                  | 2     | 6  | 8   | 2         | 1  | 3  | —        | 4  | 4  | —          | 1  | 1  |
| Dementia praecox.....                        | 19    | 26 | 45  | 3         | —  | 3  | 15       | 24 | 39 | 1          | 2  | 3  |
| Paranoia and paranoid conditions.....        | —     | 1  | 1   | —         | —  | —  | —        | 1  | 1  | —          | —  | —  |
| Epileptic psychoses.....                     | —     | —  | —   | —         | —  | —  | —        | —  | —  | —          | —  | —  |
| Psychoneuroses and neuroses.....             | 1     | 5  | 6   | —         | 1  | 1  | —        | 4  | 4  | 1          | —  | 1  |
| With psychopathic personality.....           | 1     | 1  | 2   | 1         | 1  | 2  | —        | —  | —  | —          | —  | —  |
| With mental deficiency.....                  | 4     | 3  | 7   | 1         | —  | 1  | 1        | 2  | 3  | 2          | 1  | 3  |
| Undiagnosed psychoses.....                   | 7     | 7  | 14  | 1         | 2  | 3  | 5        | 5  | 10 | 1          | —  | 1  |
| Without psychosis.....                       | —     | 5  | 5   | —         | —  | —  | —        | —  | —  | —          | —  | —  |
| Total.....                                   | 78    | 80 | 158 | 33        | 11 | 44 | 38       | 59 | 97 | 7          | 5  | 12 |

TABLE 16.—Causes of Death of Patients Classified with Reference to Principal Psychoses for the Year ending September 30, 1927

| CAUSES OF DEATH   | TOTAL |    |     | SENILE |    |    | WITH CEREBRAL ARTERIO-SCLEROSIS |    |    | GENERAL PARALYSIS |    |    | ALCOHOLIC |    |    | MANIC-DEPRESSIVE |    |    |
|---|-------|----|-----|--------|----|----|---------------------------------|----|----|-------------------|----|----|-----------|----|----|------------------|----|----|
|   | M.    | F. | T.  | M.     | F. | T. | M.                              | F. | T. | M.                | F. | T. | M.        | F. | T. | M.               | F. | T. |
|   |       |    |     |        |    |    |                                 |    |    |                   |    |    |           |    |    |                  |    |    |
| <i>I. Epidemic, Endemic and Infectious Diseases</i>   |       |    |     |        |    |    |                                 |    |    |                   |    |    |           |    |    |                  |    |    |
| Tuberculosis of the respiratory system.....   | 6     | 9  | 15  | —      | —  | —  | —                               | —  | —  | —                 | —  | —  | 1         | 1  | 2  | —                | 1  | 1  |
| <i>II. General Diseases Not Included in Class I</i>   |       |    |     |        |    |    |                                 |    |    |                   |    |    |           |    |    |                  |    |    |
| Cancer and other malignant tumors.....  | 2     | 2  | 4   | —      | —  | —  | —                               | —  | —  | —                 | —  | —  | —         | —  | —  | —                | —  | —  |
| <i>III. Diseases of the Nervous System</i>  |       |    |     |        |    |    |                                 |    |    |                   |    |    |           |    |    |                  |    |    |
| General paralysis of the insane.....  | 20    | 6  | 26  | —      | —  | —  | —                               | —  | —  | 20                | 6  | 26 | —         | —  | —  | —                | —  | —  |
| Epilepsy.....   | 1     | 1  | 2   | —      | —  | —  | —                               | —  | —  | —                 | —  | —  | —         | —  | —  | —                | —  | —  |
| <i>IV. Diseases of the Circulatory System</i>   |       |    |     |        |    |    |                                 |    |    |                   |    |    |           |    |    |                  |    |    |
| Endocarditis and myocarditis.....   | 9     | 5  | 14  | 1      | —  | 1  | 1                               | 1  | 2  | —                 | —  | —  | —         | —  | —  | 1                | —  | 1  |
| Other diseases of the heart.....  | 3     | —  | 3   | —      | —  | —  | —                               | —  | —  | —                 | —  | —  | —         | —  | —  | —                | —  | —  |
| Arteriosclerosis.....   | 32    | 27 | 59  | 7      | 11 | 18 | 24                              | 12 | 36 | —                 | —  | —  | 1         | —  | 1  | —                | —  | —  |
| Other diseases of the circulatory system.....   | —     | 2  | 2   | —      | 1  | 1  | —                               | —  | —  | —                 | —  | —  | —         | —  | —  | —                | —  | —  |
| <i>V. Diseases of the Respiratory System</i>  |       |    |     |        |    |    |                                 |    |    |                   |    |    |           |    |    |                  |    |    |
| Broncho pneumonia.....  | 7     | 7  | 14  | 1      | 3  | 4  | 4                               | 2  | 6  | —                 | —  | —  | —         | —  | —  | —                | —  | —  |
| Lobar pneumonia.....  | 2     | 2  | 4   | —      | 1  | 1  | —                               | —  | —  | —                 | —  | —  | —         | —  | —  | —                | —  | —  |
| <i>VI. Diseases of the Digestive System</i>   |       |    |     |        |    |    |                                 |    |    |                   |    |    |           |    |    |                  |    |    |
| Appendicitis and typhilitis.....  | —     | 1  | 1   | —      | —  | —  | —                               | —  | —  | —                 | —  | —  | —         | —  | —  | —                | —  | —  |
| Hernia and intestinal obstruction.....  | 1     | —  | 1   | —      | —  | —  | —                               | —  | —  | —                 | —  | —  | —         | —  | —  | —                | —  | —  |
| Other diseases of intestines.....   | 1     | —  | 1   | —      | —  | —  | —                               | —  | —  | —                 | —  | —  | —         | —  | —  | —                | —  | —  |
| Cirrhosis of liver.....   | 1     | —  | 1   | 1      | —  | 1  | —                               | —  | —  | 1                 | —  | 1  | —         | —  | —  | —                | —  | —  |
| <i>VII. Non-Veneral Diseases of Genito-Urinary System and Annexa</i>                                    |       |    |     |        |    |    |                                 |    |    |                   |    |    |           |    |    |                  |    |    |
| Nephritis.....  | —     | 2  | 2   | —      | —  | —  | —                               | —  | —  | —                 | —  | —  | —         | —  | —  | —                | —  | —  |
| Other diseases of genito-urinary system.....  | —     | 1  | 1   | —      | —  | —  | —                               | —  | —  | —                 | —  | —  | —         | —  | —  | —                | —  | —  |
| <i>VIII. Diseases of the Skin and of the Cellular Tissue</i>  |       |    |     |        |    |    |                                 |    |    |                   |    |    |           |    |    |                  |    |    |
| <i>IX. Diseases of the Bones and of the Organs of Locomotion (tuberculosis and rheumatism excepted)</i> |       |    |     |        |    |    |                                 |    |    |                   |    |    |           |    |    |                  |    |    |
| <i>X. Other Diseases Not Included in Above Groups</i>   |       |    |     |        |    |    |                                 |    |    |                   |    |    |           |    |    |                  |    |    |
| Homicide.....   | 1     | —  | 1   | —      | —  | —  | —                               | —  | —  | —                 | —  | —  | —         | —  | —  | —                | —  | —  |
| Other external causes.....  | —     | 1  | 1   | —      | 1  | 1  | —                               | —  | —  | —                 | —  | —  | —         | —  | —  | —                | —  | —  |
| <i>XI. External Causes</i>  |       |    |     |        |    |    |                                 |    |    |                   |    |    |           |    |    |                  |    |    |
| Total.....  | 86    | 66 | 152 | 10     | 17 | 27 | 29                              | 15 | 44 | 21                | 6  | 27 | 3         | 1  | 4  | 1                | 1  | 2  |



TABLE 10.—Cases of Death of Patients Classified with Reference to Principal Psychoses for the Year ending September 30, 1927—  
Concluded

| CAUSES OF DEATH   | INVOLUTION<br>MELAN-<br>CHOLIA |    |    | DEMENTIA<br>PRAECOX |    |    | PARANOIA<br>AND<br>PARANOID<br>CONDITIONS |    |    | EPILEPTIC<br>PSYCHOSES |    |    | PSYCHO-<br>NEUROSES<br>AND<br>NEUROSES |    |    | WITH<br>MENTAL<br>DEFICIENCY |    |    | *ALL OTHER<br>PSYCHOSES |    |    |
|---|--------------------------------|----|----|---------------------|----|----|---|----|----|------------------------|----|----|--|----|----|------------------------------|----|----|-------------------------|----|----|
|   | M.                             | F. | T. | M.                  | F. | T. | M.  | F. | T. | M.                     | F. | T. | M.                                     | F. | T. | M.                           | F. | T. | M.                      | F. | T. |
| <i>I. Epidemic, Endemic and Infectious Diseases</i>   |                                |    |    |                     |    |    |   |    |    |                        |    |    |  |    |    |                              |    |    |                         |    |    |
| Tuberculosis of the respiratory system.....   | —                              | 1  | 1  | 2                   | 5  | 7  | —   | —  | —  | —                      | —  | —  | —                                      | —  | —  | 2                            | —  | 2  | 1                       | 1  | 2  |
| <i>II. General Diseases Not Included in Class I</i>   |                                |    |    |                     |    |    |   |    |    |                        |    |    |  |    |    |                              |    |    |                         |    |    |
| Cancer and other malignant tumors.....  | —                              | —  | —  | 2                   | 1  | 3  | —   | —  | —  | —                      | —  | —  | —                                      | —  | —  | —                            | —  | —  | —                       | 1  | 1  |
| <i>III. Diseases of the Nervous System</i>  |                                |    |    |                     |    |    |   |    |    |                        |    |    |  |    |    |                              |    |    |                         |    |    |
| General paralysis of the insane.....  | —                              | —  | —  | —                   | —  | —  | —   | —  | —  | —                      | —  | —  | —                                      | —  | —  | —                            | —  | —  | —                       | —  | —  |
| Epilepsy.....   | —                              | —  | —  | —                   | —  | —  | —   | —  | —  | 1                      | 1  | 2  | —                                      | —  | —  | —                            | —  | —  | —                       | —  | —  |
| <i>IV. Diseases of the Circulatory System</i>   |                                |    |    |                     |    |    |   |    |    |                        |    |    |  |    |    |                              |    |    |                         |    |    |
| Endocarditis and myocarditis.....   | 1                              | —  | 1  | 3                   | 2  | 5  | —   | 1  | 1  | —                      | —  | —  | —                                      | —  | —  | 1                            | —  | 1  | 1                       | 1  | 2  |
| Other diseases of the heart.....  | —                              | —  | —  | 1                   | —  | 1  | —   | —  | —  | —                      | —  | —  | —                                      | —  | —  | —                            | —  | —  | 1                       | —  | 1  |
| Arteriosclerosis.....   | —                              | —  | —  | —                   | 2  | 2  | —   | —  | —  | —                      | —  | —  | —                                      | —  | —  | —                            | —  | —  | —                       | 2  | 2  |
| Other diseases of the circulatory system.....   | —                              | —  | —  | —                   | 1  | 1  | —   | —  | —  | —                      | —  | —  | —                                      | —  | —  | —                            | —  | —  | —                       | —  | —  |
| <i>V. Diseases of the Respiratory System</i>  |                                |    |    |                     |    |    |   |    |    |                        |    |    |  |    |    |                              |    |    |                         |    |    |
| Broncho pneumonia.....  | —                              | —  | —  | —                   | 1  | 1  | —   | —  | —  | —                      | —  | —  | —                                      | —  | —  | —                            | —  | —  | —                       | —  | —  |
| Lobar pneumonia.....  | —                              | —  | —  | 2                   | 1  | 3  | —   | —  | —  | —                      | —  | —  | —                                      | —  | —  | —                            | —  | —  | 2                       | —  | 2  |
| <i>VI. Diseases of the Digestive System</i>   |                                |    |    |                     |    |    |   |    |    |                        |    |    |  |    |    |                              |    |    |                         |    |    |
| Appendicitis and typhlitis.....   | —                              | —  | —  | —                   | 1  | 1  | —   | —  | —  | —                      | —  | —  | —                                      | —  | —  | —                            | —  | —  | —                       | —  | —  |
| Hernia and intestinal obstruction.....  | —                              | —  | —  | —                   | —  | —  | —   | —  | —  | —                      | —  | —  | —                                      | —  | —  | —                            | —  | —  | —                       | —  | —  |
| Other diseases of intestines.....   | —                              | —  | —  | —                   | —  | —  | —   | —  | —  | —                      | —  | —  | —                                      | —  | —  | —                            | —  | —  | —                       | —  | —  |
| Cirrhosis of liver.....   | —                              | —  | —  | —                   | —  | —  | —   | —  | —  | —                      | —  | —  | —                                      | —  | —  | —                            | —  | —  | —                       | —  | —  |
| <i>VII. Non-Veneral Diseases of Genito-Urinary System and Anæza</i>                                     |                                |    |    |                     |    |    |   |    |    |                        |    |    |  |    |    |                              |    |    |                         |    |    |
| Nephritis.....  | —                              | 1  | 1  | —                   | 1  | 1  | —   | —  | —  | —                      | —  | —  | —                                      | —  | —  | —                            | —  | —  | —                       | —  | —  |
| Other diseases of genito-urinary system.....  | —                              | —  | —  | —                   | 1  | 1  | —   | —  | —  | —                      | —  | —  | —                                      | —  | —  | —                            | —  | —  | —                       | —  | —  |
| <i>VIII. Diseases of the Skin and of the Cellular Tissue</i>  |                                |    |    |                     |    |    |   |    |    |                        |    |    |  |    |    |                              |    |    |                         |    |    |
| <i>IX. Diseases of the Bones and of the Organs of Locomotion (tuberculosis and rheumatism excepted)</i> |                                |    |    |                     |    |    |   |    |    |                        |    |    |  |    |    |                              |    |    |                         |    |    |
| <i>X. Other Diseases Not Included in Above Groups</i>   |                                |    |    |                     |    |    |   |    |    |                        |    |    |  |    |    |                              |    |    |                         |    |    |
| <i>XI. External Causes</i>  |                                |    |    |                     |    |    |   |    |    |                        |    |    |  |    |    |                              |    |    |                         |    |    |
| Homicide.....   | 1                              | —  | 1  | —                   | —  | —  | —   | —  | —  | —                      | —  | —  | —                                      | —  | —  | —                            | —  | —  | —                       | —  | —  |
| Other external causes.....  | —                              | —  | —  | —                   | —  | —  | —   | —  | —  | —                      | —  | —  | —                                      | —  | —  | —                            | —  | —  | —                       | —  | —  |
| Total.....  | 2                              | 2  | 4  | 10                  | 16 | 26 | —   | 1  | 1  | 1                      | 1  | 2  | —                                      | 1  | 1  | 3                            | —  | 3  | 6                       | 5  | 11 |

\*Includes group 22 "without psychosis."

TABLE 17.—Age of Patients at Time of Death Classified with Reference to Principal Psychoses for the Year ending September 30, 1927

| PSYCHOSES  | TOTAL |    |     | 15-19<br>YEARS |    |    | 20-24<br>YEARS |    |    | 25-29<br>YEARS |    |    | 30-34<br>YEARS |    |    | 35-39<br>YEARS |    |    | 40-44<br>YEARS |    |    |    |
|--|-------|----|-----|----------------|----|----|----------------|----|----|----------------|----|----|----------------|----|----|----------------|----|----|----------------|----|----|----|
|  | M.    | F. | T.  | M.             | F. | T. | M.             | F. | T. | M.             | F. | T. | M.             | F. | T. | M.             | F. | T. | M.             | F. | T. |    |
|  |       |    |     |                |    |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |    |    |
| 1. Traumatic.....                                | -     | -  | 27  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 2. Senile.....                                   | 10    | 17 | 27  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 3. With cerebral arteriosclerosis.....           | 29    | 15 | 44  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 4. General paralysis.....                        | 21    | 6  | 27  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 5. With cerebral syphilis.....                   | -     | -  | -   | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 6. With Huntington's chorea.....                 | -     | -  | -   | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 7. With brain tumor.....                         | -     | -  | -   | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 8. With other brain or nervous diseases.....     | 2     | 1  | 3   | -              | -  | -  | -              | 1  | 1  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 9. Alcoholic.....                                | 3     | 1  | 4   | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 10. Due to drugs and other exogenous toxins..... | -     | -  | -   | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 11. With pellagra.....                           | -     | -  | -   | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 12. With other somatic diseases.....             | -     | 1  | 1   | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 13. Manic-depressive.....                        | 1     | 1  | 2   | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 14. Involution melancholia.....                  | 2     | 2  | 4   | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 15. Dementia praecox.....                        | 10    | 16 | 26  | -              | 1  | 1  | 1              | 1  | 2  | 2              | 1  | 3  | 1              | 3  | 4  | -              | -  | -  | -              | -  | -  | -  |
| 16. Paranoia and paranoid conditions.....        | -     | 1  | 1   | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 17. Epileptic psychoses.....                     | 1     | 1  | 2   | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 18. Psychoneuroses and neuroses.....             | -     | 1  | 1   | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 19. With psychopathic personality.....           | -     | -  | -   | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 20. With mental deficiency.....                  | 3     | -  | 3   | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 21. Undiagnosed psychoses.....                   | 4     | 3  | 7   | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| 22. Without psychosis.....                       | -     | -  | -   | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -              | -  | -  | -  |
| Total.....                                       | 86    | 66 | 152 | -              | 1  | 1  | 1              | 1  | 2  | 3              | 3  | 4  | 3              | 3  | 6  | 4              | 4  | 4  | 8              | 8  | 3  | 11 |



TABLE 17.—*Age of Patients at Time of Death Classified with Reference to Principal Psychoses for the Year ending September 30, 1927—Concluded*

| PSYCHOSES  | 45-49<br>YEARS |    |    | 50-54<br>YEARS |    |    | 55-59<br>YEARS |    |    | 60-64<br>YEARS |    |    | 65-69<br>YEARS |    |    | 70 YEARS<br>AND OVER |    |    |    |
|--|----------------|----|----|----------------|----|----|----------------|----|----|----------------|----|----|----------------|----|----|----------------------|----|----|----|
|  | M.             | F. | T. | M.             | F. | T. | M.             | F. | T. | M.             | F. | T. | M.             | F. | T. | M.                   | F. | T. |    |
|  |                |    |    |                |    |    |                |    |    |                |    |    |                |    |    |                      |    |    |    |
| 1. Traumatic.....                                | —              | —  | —  | —              | —  | —  | —              | 1  | 1  | —              | —  | —  | —              | 1  | 2  | —                    | 9  | 15 | 24 |
| 2. Senile.....                                   | —              | —  | —  | —              | —  | 1  | —              | —  | —  | —              | —  | —  | —              | 1  | 3  | 10                   | 16 | 10 | 26 |
| 3. With cerebral arteriosclerosis.....           | —              | —  | —  | 1              | —  | 7  | —              | —  | 2  | —              | —  | —  | —              | —  | —  | —                    | —  | —  | —  |
| 4. General paralysis.....                        | 5              | 2  | 7  | 5              | 2  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  | —  |
| 5. With cerebral syphilis.....                   | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  | —  |
| 6. With Huntington's chorea.....                 | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  | —  |
| 7. With brain tumor.....                         | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  | —  |
| 8. With other brain or nervous diseases.....     | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  | —  |
| 9. Alcoholic.....                                | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | 1  | —  | 1  |
| 10. Due to drugs and other exogenous toxins..... | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | 2  | —  | 2  |
| 11. With pellagra.....                           | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  | —  |
| 12. With other somatic diseases.....             | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | 1  | 1  | —                    | —  | —  | —  |
| 13. Manic-depressive.....                        | —              | 1  | 1  | —              | —  | —  | —              | 1  | 1  | —              | —  | —  | —              | —  | —  | —                    | —  | —  | —  |
| 14. Involution melancholia.....                  | —              | —  | —  | —              | 1  | 1  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  | —  |
| 15. Dementia praecox.....                        | 2              | 1  | 3  | —              | —  | —  | 2              | 2  | 4  | —              | 1  | 2  | —              | —  | —  | —                    | 1  | 2  | 3  |
| 16. Paranoia and paranoid conditions.....        | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  | —  |
| 17. Epileptic psychoses.....                     | 1              | —  | 1  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | 1  | 1  |
| 18. Psychoneuroses and neuroses.....             | —              | —  | —  | —              | 1  | 1  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | 1  | —  |
| 19. With psychopathic personality.....           | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  | —  |
| 20. With mental deficiency.....                  | —              | —  | —  | —              | —  | —  | —              | —  | 1  | —              | —  | —  | —              | —  | —  | —                    | —  | —  | —  |
| 21. Undiagnosed psychoses.....                   | 1              | —  | 1  | 1              | —  | 1  | 1              | 1  | 1  | —              | —  | 1  | —              | —  | 1  | 1                    | —  | 1  | 1  |
| 22. Without psychosis.....                       | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —              | —  | —  | —                    | —  | —  | —  |
| Total.....                                       | 9              | 4  | 13 | 7              | 4  | 11 | 7              | 3  | 10 | 6              | 6  | 12 | 8              | 6  | 14 | 30                   | 29 | 59 | 59 |

TABLE 18.—*Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses for the Year ending September 30, 1927*

| PSYCHOSES  | TOTAL |    |     | LESS THAN<br>1 MONTH |    |    | 1-3<br>MONTHS |    |    |
|--|-------|----|-----|----------------------|----|----|---------------|----|----|
|  | M.    | F. | T.  | M.                   | F. | T. | M.            | F. | T. |
| 1. Traumatic.....                                | —     | —  | —   | —                    | —  | —  | —             | —  | —  |
| 2. Senile.....                                   | 10    | 17 | 27  | 1                    | —  | 1  | 2             | 3  | —  |
| 3. With cerebral arteriosclerosis.....           | 29    | 15 | 44  | 4                    | 6  | 10 | 8             | 2  | 1  |
| 4. General paralysis.....                        | 21    | 6  | 27  | 3                    | 1  | 4  | 2             | 1  | —  |
| 5. With cerebral syphilis.....                   | —     | —  | —   | —                    | —  | —  | —             | —  | —  |
| 6. With Huntington's chorea.....                 | —     | —  | —   | —                    | —  | —  | —             | —  | —  |
| 7. With brain tumor.....                         | —     | —  | —   | —                    | —  | —  | —             | —  | —  |
| 8. With other brain or nervous diseases.....     | 2     | 1  | 3   | —                    | —  | —  | —             | —  | —  |
| 9. Alcoholic.....                                | 3     | 1  | 4   | —                    | —  | —  | —             | —  | —  |
| 10. Due to drugs and other exogenous toxins..... | —     | —  | —   | —                    | —  | —  | —             | —  | —  |
| 11. With pellagra.....                           | —     | —  | —   | —                    | —  | —  | —             | —  | —  |
| 12. With other somatic diseases.....             | —     | 1  | 1   | —                    | —  | —  | —             | —  | —  |
| 13. Manic-depressive.....                        | 1     | 1  | 2   | —                    | —  | —  | —             | —  | —  |
| 14. Involution melancholia.....                  | 2     | 2  | 4   | —                    | —  | —  | —             | 1  | —  |
| 15. Dementia praecox.....                        | 10    | 16 | 26  | 1                    | 3  | 4  | —             | 2  | —  |
| 16. Paranoia and paranoid conditions.....        | —     | 1  | 1   | —                    | —  | —  | —             | —  | —  |
| 17. Epileptic psychoses.....                     | 1     | 1  | 2   | —                    | —  | —  | —             | —  | —  |
| 18. Psychoneuroses and neuroses.....             | —     | 1  | 1   | —                    | —  | —  | —             | 1  | —  |
| 19. With psychopathic personality.....           | —     | —  | —   | —                    | —  | —  | —             | —  | —  |
| 20. With mental deficiency.....                  | 3     | —  | 3   | —                    | —  | —  | 1             | —  | —  |
| 21. Undiagnosed psychoses.....                   | 4     | 3  | 7   | 4                    | 1  | 5  | —             | 2  | —  |
| 22. Without psychosis.....                       | —     | —  | —   | —                    | —  | —  | —             | —  | —  |
| Total.....                                       | 86    | 66 | 152 | 13                   | 11 | 24 | 13            | 12 | 2  |

TABLE 18.—*Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses for the Year ending September 30, 1927—Continued*

| PSYCHOSES  | 4-7<br>MONTHS |    |    | 8-12<br>MONTHS |    |    | 1-2<br>YEARS |    |
|--|---------------|----|----|----------------|----|----|--------------|----|
|  | M.            | F. | T. | M.             | F. | T. | M.           | F. |
| 1. Traumatic.....                                | —             | —  | —  | —              | —  | —  | —            | —  |
| 2. Senile.....                                   | 2             | 4  | 6  | —              | 1  | 1  | 2            | 5  |
| 3. With cerebral arteriosclerosis.....           | 4             | 2  | 6  | 2              | 1  | 3  | 3            | 3  |
| 4. General paralysis.....                        | 4             | 2  | 6  | 3              | —  | 3  | 6            | 1  |
| 5. With cerebral syphilis.....                   | —             | —  | —  | —              | —  | —  | —            | —  |
| 6. With Huntington's chorea.....                 | —             | —  | —  | —              | —  | —  | —            | —  |
| 7. With brain tumor.....                         | —             | —  | —  | —              | —  | —  | —            | —  |
| 8. With other brain or nervous diseases.....     | —             | —  | —  | —              | —  | —  | 1            | —  |
| 9. Alcoholic.....                                | —             | —  | —  | 1              | —  | 1  | —            | —  |
| 10. Due to drugs and other exogenous toxins..... | —             | —  | —  | —              | —  | —  | —            | —  |
| 11. With pellagra.....                           | —             | —  | —  | —              | —  | —  | —            | —  |
| 12. With other somatic diseases.....             | —             | —  | —  | —              | —  | —  | —            | —  |
| 13. Manic-depressive.....                        | —             | —  | —  | —              | —  | —  | 1            | —  |
| 14. Involution melancholia.....                  | —             | —  | —  | 1              | 1  | 2  | —            | —  |
| 15. Dementia praecox.....                        | —             | —  | —  | 1              | —  | 1  | 2            | 1  |
| 16. Paranoia and paranoid conditions.....        | —             | —  | —  | —              | —  | —  | —            | —  |
| 17. Epileptic psychoses.....                     | —             | 1  | 1  | —              | —  | —  | —            | —  |
| 18. Psychoneuroses and neuroses.....             | —             | —  | —  | —              | —  | —  | —            | —  |
| 19. With psychopathic personality.....           | —             | —  | —  | —              | —  | —  | —            | —  |
| 20. With mental deficiency.....                  | —             | —  | —  | 1              | —  | 1  | 1            | —  |
| 21. Undiagnosed psychoses.....                   | —             | —  | —  | —              | —  | —  | —            | —  |
| 22. Without psychosis.....                       | —             | —  | —  | —              | —  | —  | —            | —  |
| Total.....                                       | 10            | 9  | 19 | 9              | 3  | 12 | 16           | 10 |



TABLE 18.—*Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses for the Year ending September 30, 1927—Continued*

| PSYCHOSES                                       | 3-4<br>YEARS |    |    | 5-6<br>YEARS |    |    | 7-8<br>YEARS |    |    |
|---|--------------|----|----|--------------|----|----|--------------|----|----|
|   | M.           | F. | T. | M.           | F. | T. | M.           | F. | T. |
| 1. Traumatic.....                               | -            | -  | -  | -            | -  | -  | -            | -  | -  |
| 2. Senile.....                                  | -            | -  | -  | 2            | 1  | 3  | -            | 1  | 1  |
| 3. With cerebral arteriosclerosis.....          | 4            | -  | 4  | 2            | -  | 2  | -            | -  | -  |
| 4. General paralysis.....                       | 2            | 1  | 3  | 1            | -  | 1  | -            | -  | -  |
| 5. With cerebral syphilis.....                  | -            | -  | -  | -            | -  | -  | -            | -  | -  |
| 6. With Huntington's chorea.....                | -            | -  | -  | -            | -  | -  | -            | -  | -  |
| 7. With brain tumor.....                        | -            | -  | -  | -            | -  | -  | -            | -  | -  |
| 8. With other brain or nervous diseases.....    | -            | 1  | 1  | -            | -  | -  | -            | -  | 1  |
| 9. Alcoholic.....                               | -            | -  | -  | -            | -  | -  | -            | -  | -  |
| 0. Due to drugs and other exogenous toxins..... | -            | -  | -  | -            | -  | -  | -            | -  | -  |
| 1. With pellagra.....                           | -            | -  | -  | -            | -  | -  | -            | -  | -  |
| 2. With other somatic diseases.....             | -            | 1  | 1  | -            | -  | -  | -            | -  | -  |
| 3. Manic-depressive.....                        | -            | 1  | 1  | -            | -  | -  | -            | -  | -  |
| 4. Involution melancholia.....                  | -            | -  | -  | -            | -  | -  | -            | -  | -  |
| 5. Dementia praecox.....                        | -            | 1  | 1  | -            | 4  | 4  | 1            | -  | 1  |
| 6. Paranoia and paranoid conditions.....        | -            | -  | -  | -            | -  | -  | -            | -  | -  |
| 7. Epileptic psychoses.....                     | -            | -  | -  | -            | -  | -  | -            | -  | -  |
| 8. Psychoneuroses and neuroses.....             | -            | -  | -  | -            | -  | -  | -            | -  | -  |
| 9. With psychopathic personality.....           | -            | -  | -  | -            | -  | -  | -            | -  | -  |
| 0. With mental deficiency.....                  | -            | -  | -  | -            | -  | -  | -            | -  | -  |
| 1. Undiagnosed psychoses.....                   | -            | -  | -  | -            | -  | -  | -            | -  | -  |
| 2. Without psychosis.....                       | -            | -  | -  | -            | -  | -  | -            | -  | -  |
| Total.....                                      | 6            | 5  | 11 | 5            | 5  | 10 | 1            | 1  | 2  |

TABLE 18.—*Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses for the Year ending September 30, 1927—Concluded*

| PSYCHOSES                                       | 9-10<br>YEARS |    |    | 13-14<br>YEARS |    |    | 15-19<br>YEARS |    |    | 20 YEARS<br>AND OVER |    |    |
|---|---------------|----|----|----------------|----|----|----------------|----|----|----------------------|----|----|
|   | M.            | F. | T. | M.             | F. | T. | M.             | F. | T. | M.                   | F. | T. |
| Traumatic.....                                  | -             | -  | -  | -              | -  | -  | -              | -  | -  | -                    | -  | -  |
| Senile.....                                     | -             | 1  | 1  | -              | 1  | 1  | 1              | -  | 1  | -                    | -  | -  |
| With cerebral arteriosclerosis.....             | 1             | -  | 1  | -              | 1  | 1  | 1              | -  | 1  | -                    | -  | -  |
| General paralysis.....                          | -             | -  | -  | -              | -  | -  | -              | -  | -  | -                    | -  | -  |
| With cerebral syphilis.....                     | -             | -  | -  | -              | -  | -  | -              | -  | -  | -                    | -  | -  |
| With Huntington's chorea.....                   | -             | -  | -  | -              | -  | -  | -              | -  | -  | -                    | -  | -  |
| With brain tumor.....                           | -             | -  | -  | -              | -  | -  | -              | -  | -  | -                    | -  | -  |
| With other brain or nervous diseases            | 1             | -  | 1  | -              | -  | -  | -              | -  | -  | -                    | -  | -  |
| Alcoholic.....                                  | -             | 1  | 1  | -              | -  | -  | 2              | -  | 2  | -                    | -  | -  |
| Due to drugs and other exogenous<br>toxins..... | -             | -  | -  | -              | -  | -  | -              | -  | -  | -                    | -  | -  |
| With pellagra.....                              | -             | -  | -  | -              | -  | -  | -              | -  | -  | -                    | -  | -  |
| With other somatic diseases.....                | -             | -  | -  | -              | -  | -  | -              | -  | -  | -                    | -  | -  |
| Manic-depressive.....                           | -             | -  | -  | -              | -  | -  | -              | -  | -  | -                    | -  | -  |
| Involution melancholia.....                     | -             | -  | -  | 1              | -  | 1  | -              | -  | -  | -                    | -  | -  |
| Dementia praecox.....                           | -             | -  | -  | 1              | 2  | 3  | 1              | 1  | 2  | 3                    | 2  | 5  |
| Paranoia and paranoid conditions..              | -             | 1  | 1  | -              | -  | -  | -              | -  | -  | -                    | -  | -  |
| Epileptic psychoses.....                        | -             | -  | -  | -              | -  | -  | -              | -  | -  | 1                    | -  | 1  |
| Psychoneuroses and neuroses.....                | -             | -  | -  | -              | -  | -  | -              | -  | -  | -                    | -  | -  |
| With psychopathic personality.....              | -             | -  | -  | -              | -  | -  | -              | -  | -  | -                    | -  | -  |
| With mental deficiency.....                     | -             | -  | -  | -              | -  | -  | -              | -  | -  | -                    | -  | -  |
| Undiagnosed psychoses.....                      | -             | -  | -  | -              | -  | -  | -              | -  | -  | -                    | -  | -  |
| Without psychosis.....                          | -             | -  | -  | -              | -  | -  | -              | -  | -  | -                    | -  | -  |
| Total.....                                      | 2             | 3  | 5  | 2              | 4  | 6  | 5              | 1  | 6  | 4                    | 2  | 6  |

TABLE 19.—*Family Care Department for the Year ending September 30, 1926*

|  | M.    | F.     | T.   |
|--|-------|--------|------|
| Remaining September 30, 1926.....            | 1     | 7      |      |
| Admitted within the year.....                | —     | 2      |      |
| Whole number of cases within the year.....   | 1     | 9      |      |
| Dismissed within the year.....               | —     | 1      |      |
| Discharged.....                              | —     | 1      |      |
| Died.....                                    | —     | —      |      |
| Visit.....                                   | —     | —      |      |
| Escape.....                                  | —     | —      |      |
| Remaining September 30, 1927.....            | 1     | 7      |      |
| Number of different persons within year..... | —     | 3      |      |
| Number of different persons admitted.....    | —     | 2      |      |
| Number of different persons dismissed.....   | —     | 2      |      |
| Daily average number.....                    | 1.000 | 7.9019 | 8.90 |